ARCTIC DATA COMPILATION AND APPRAISAL – VOLUME 17
Northwest Passage and Queen Elizabeth Islands: Biological Oceanography – Fish 1819 through 1985

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CANADIAN DATA REPORT OF HYDROGRAPHY AND OCEAN SCIENCES NO. 5

Canada

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Canadian Data Report Of Hydrography and Ocean Sciences

These reports provide a medium for the documentation and dissemination of data in a form directly useable by the scientific and engineering communities.

Generally, the reports will contain raw and/or analyzed data but will not contain interpretations of the data. Such compilations will commonly have been prepared in support of work related to the programs and interests of the Ocean Science and Surveys (OSS) sector of the Department of Fisheries and Oceans.

Data Reports are produced regionally but are numbered and indexed nationally. Requests for individual reports will be fulfilled by the issuing establishment listed on the front cover and title page. Out of stock reports will be supplied for a fee by commercial agents.

Regional and headquarters establishments of Ocean Science and Surveys ceased publication of their various report series as of December 1981. A complete listing of these publications and the last number issued under each title are published in the *Canadian Journal of Fisheries and Aquatic Sciences*, Volume 38: Index to Publications 1981. The current series began with Report Number 1 in January 1982.

Rapport statistique canadien sur l'hydrographie et les sciences océaniques

Ces rapports servent de véhicule pour la compilation et la diffusion des données sous une forme directement utilisable par les scientifiques et les techniciens.

En général, les rapports contiennent des données brutes ou analysées mais ne fournissent pas d'interprétations des données. Ces compilations sont préparées le plus souvent à l'appui de travaux reliés aux programmes et intérêts du service des Sciences et Levés océaniques (SLO) du ministère des Pêches et des Océans.

Les rapports statistiques sont produits à l'échelon régional mais sont numérotés et placés dans l'index à l'échelon national. Les demandes de rapports seront satisfaites par l'établissement auteur dont le nom figure sur la couverture et la page de titre. Les rapports épuisés seront fournis contre rétribution par des agents commerciaux.

Les établissements des Sciences et Levés océaniques dans les régions et à l'administration centrale ont cessé de publier leurs diverses séries de rapports depuis décembre 1981. Vous trouverez dans l'index des publications du volume 38 du *Journal canadien des sciences halieutiques et aquatiques*, la liste de ces publications ainsi que le dernier numéro paru dans chaque catégorie. La nouvelle série a commencé avec la publication du Rapport n° 1 en janvier 1982.

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PREFACE

These catalogues are produced by the Data Assessment Division at the Institute of Ocean Sciences and the Native and Regulatory Affairs Division at the Freshwater Institute. Joint government and industry contract projects have catalogued marine data sets, their focus being mainly on oceanography and fisheries. Data quality appraisals are included to assist in establishing the usefulness of given data for particular analyses or purposes. The ratings also determine the confidence that can be placed on interpretations incorporating those data.

The appraisals will assist in establishing priorities for incorporating the most useful data in the national Marine Environmental Data Service (MEDS) archives. Additional uses of the catalogues include research planning and the provision of the best available resume of marine data sources for environmental assessments and land use planning.

The accelerating pace (until the 1985-86 drop in oil prices) of offshore development activity has emphasized the need to review the sufficiency and suitability of available scientific information for design, regulatory and planning purposes. The review is a three stage process: 1) compilation and appraisal of the existing data sets; 2) analysis of the suitability of existing data sets for contributing answers to questions of concern, and; 3) analysis and interpretation of data and estimation of scientific confidence in the answer to the particular question. This fish catalogue for the Beaufort Sea represents part of the results of the first stage.

Brian Smiley and Larry de March
Scientific Editors
Arctic Data Compilation and
Appraisal Series

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ABSTRACT

Ratynski, R.A., and L. de March. 1988. Arctic Data Compilation and Appraisal. Volume 17. Northwest Passage and Queen Elizabeth Islands: Biological Oceanography - Fish, 1819-1985. Can. Data Rep. Hydrogr. Ocean Sci. 5: (Vol. 17) vii + 416 p.

This volume is one of a group of catalogues designed to compile and appraise marine data sets from the Canadian Arctic. For ease of reference, the group has been organized with its subject matter divided into three disciplines: physics, chemistry and biology. The Arctic has been divided arbitrarily into seven geographic areas to include, where possible, major oceanographic regions. The format has been structured to facilitate comparison between subjects and regions. With such a large undertaking, it is not possible to produce all reports at once. Therefore, catalogues in the series which are available currently are listed on the inside back cover of each volume.

Data collection continues in the Canadian Arctic and updates of the catalogues are planned. Readers are invited to submit corrections and additions in writing to either of the issuing establishments. Any corrections will be incorporated in the on-line computerized data set listing; they will be continuously available on request.

RÉSUMÉ

Ratynski, R.A., and L. de March. 1988. Arctic Data Compilation and Appraisal. Volume 17. Northwest Passage and Queen Elizabeth Islands: Biological Oceanography - Fish, 1819-1985. Can. Data Rep. Hydrogr. Ocean Sci. 5: (Vol. 17) vii + 416 p.

Le present volume fait partie d'un groupe de catalogues destinés à compiler et à évaluer les series de données marines sur l'Arctique canadien. Pour plus de commodité, la question traitée est structurée en trois grandes disciplines: physique, chimie et biologie. L'Arctique a été divisé arbitrairement en sept régions géographiques qui englobent autant que possible les grandes régions oceanographiques. Les catalogues sont présentés de façon à faciliter la comparison entre les sujets et les régions. La domaine est si vaste qu'il est impossible de fournier tous les catalogues en une seule fois. Les catalogues de la série actuellement disponsibles sont indiques à la fin de chaque volume à l'intérieur de la couverture.

La collecte de données est un processus permanent et il est prévu de mettre à jour les catalogues par la suite. Les lecteurs sont invités à soumettre par écrit les corrections et les additions à les establissements auteurs. Les corrections seront traitées en direct sur ordinateur et incorporées aux listes qui pourront être obtenus sur demande.

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D.B. Stewart reviewed the manuscript and provided constructive criticism for which we are grateful. R. Lypka and R. Jestadt provided valuable assistance with manipulation of computerized data, especially the information from the Arctic Biological Station and the National Museum of Canada. We are extremely grateful to B. Hyman and C. Catt for the thankless task of preparing and correcting the seemingly endless versions of this report. Maps were prepared by ESL Environmental Sciences Ltd.

Funding for the preparation of this catalogue was provided by the Northern Oil and Gas Action Program (NOGAP). The Fisheries Joint Management Committee, established according to the terms of the Inuvialuit Final Agreement (Western Arctic Claim), provided funds for the inclusion of the data in the Oceanographic Data Information System (ODIS) an interactive computerized version of the Data Catalogues.

Volume 17: Northwest Passage and Queen Elizabeth Islands
Biological Oceanography - Fish

VOLUME ABSTRACT

This volume contains a catalogue of fish data sets from the Northwest Passage and Queen Elizabeth Islands. The catalogue includes all common parameters measured during field and laboratory studies ranging from the number of fish caught in a net, to age, sex or stomach contents. Times and locations of sampling are presented graphically on a yearly and seasonal basis. Also included are geographic and species indexes and alphabetic references.

Key words: Arctic, anadromous fish, biological oceanography, fish, fisheries, inventory, marine fish, Northwest Passage, Queen Elizabeth Islands

INTRODUCTION

Fish data from the Northwest Passage and Queen Elizabeth Islands have been collected by a relatively large number of agencies such as the Department of Fisheries and Oceans (primarily the Arctic Biological Station and the Freshwater Institute) other government agencies, museums and environmental consulting firms contracted by oil companies.

Some data sets were and still are proprietary or remain unpublished. Much of the data collected by the Arctic Biological Station is unpublished. In the case of one consulting firm the original data were destroyed deliberately. Prior to this compilation there has been no thorough attempt to consolidate these widely scattered data sets. It has been difficult for researchers and planners to obtain the information that was available for the region.

This catalogue of Northwest Passage and Queen Elizabeth Islands fish data sets lists all of the known data sets, a description of each and the status and location of each one. This information will allow all agencies to locate those data sets of particular interest. To make the catalogue more helpful, the quality of the data has been determined based on the evaluation of critical methodology details available in the data set documentation.

The objectives of the work were:

1) to search out, catalogue and fully describe all data concerning fish in the Northwest Passage and Queen Elizabeth Islands;

2 to catalogue information about other biological, chemical and physical data collected concurrently with the fish data;

3) to rate the quality of the fish data.

SUMMARY OF DATA COVERAGE

The Compilation contains 87 data sets representing data collected between 1819 and 1985 in the Northwest Passage and 18 data sets representing data collected between 1852 and 1984 in the Queen Elizabeth Islands. One data set for the Northwest Passage has not been included because a copy of the published report (Turnbull 1974) could not be located. The catalogue will be updated in a few years, but in the interim a computer catalogue will be updated continuously. The computer version is kept at the Institute of Ocean Sciences and is accessible through the Data Assessment Division.

Most of the published reports and documents containing the data are archived in the Technical Records Holdings Library at the Institute of Ocean Sciences, Sidney, British Columbia.

STUDY AREA

The study area is defined as the Northwest Passage and Queen Elizabeth Islands as outlined in Figure 1. Figure 2 gives place names.

HISTORICAL OVERVIEW

Historical trends in data collection

Northwest Passage

The first references to fish in the Northwest Passage and Queen Elizabeth Islands are in the reports of explorers looking for the Northwest Passage to the Pacific Ocean. A few early data sets arose from scientific studies including those of Sabine (1821, 1824) who was on the first expedition of Captain W.E. Parry. Sabine's work was carried out on southern Melville Island. Richardson (1823, 1835, 1836 and 1854) and Ross (1826, 1835) collected samples in Coronation Gulf, Bathurst Inlet, Prince Regent Inlet, and the Boothia Peninsula (Spence Bay and Lord Mayor Bay).

After these early studies, the next major work on fish occurred during the Canadian Arctic Expedition led by V. Stefansson between 1913 and 1918. This expedition was sent by the Canadian government to make geographical and scientific discoveries in the western Arctic. Most of the information is from Bernard Harbour in Dolphin and Union Strait (Johansen unpublished MS and Walters 1953a).

The frequency of fish collections increased in he second half of the 20th century. In the 1950s and 60s there were collections by government agencies, particularly the Fisheries Research Board, universities and museums. The 1970s saw further collections with an accelerating interest in non-renewable resources and the first studies by consulting firms.

Queen Elizabeth Islands

The earliest fish collection in the area was made off northwestern Devon Island on the expedition of Sir Edward Belcher (Richardson 1855). The next

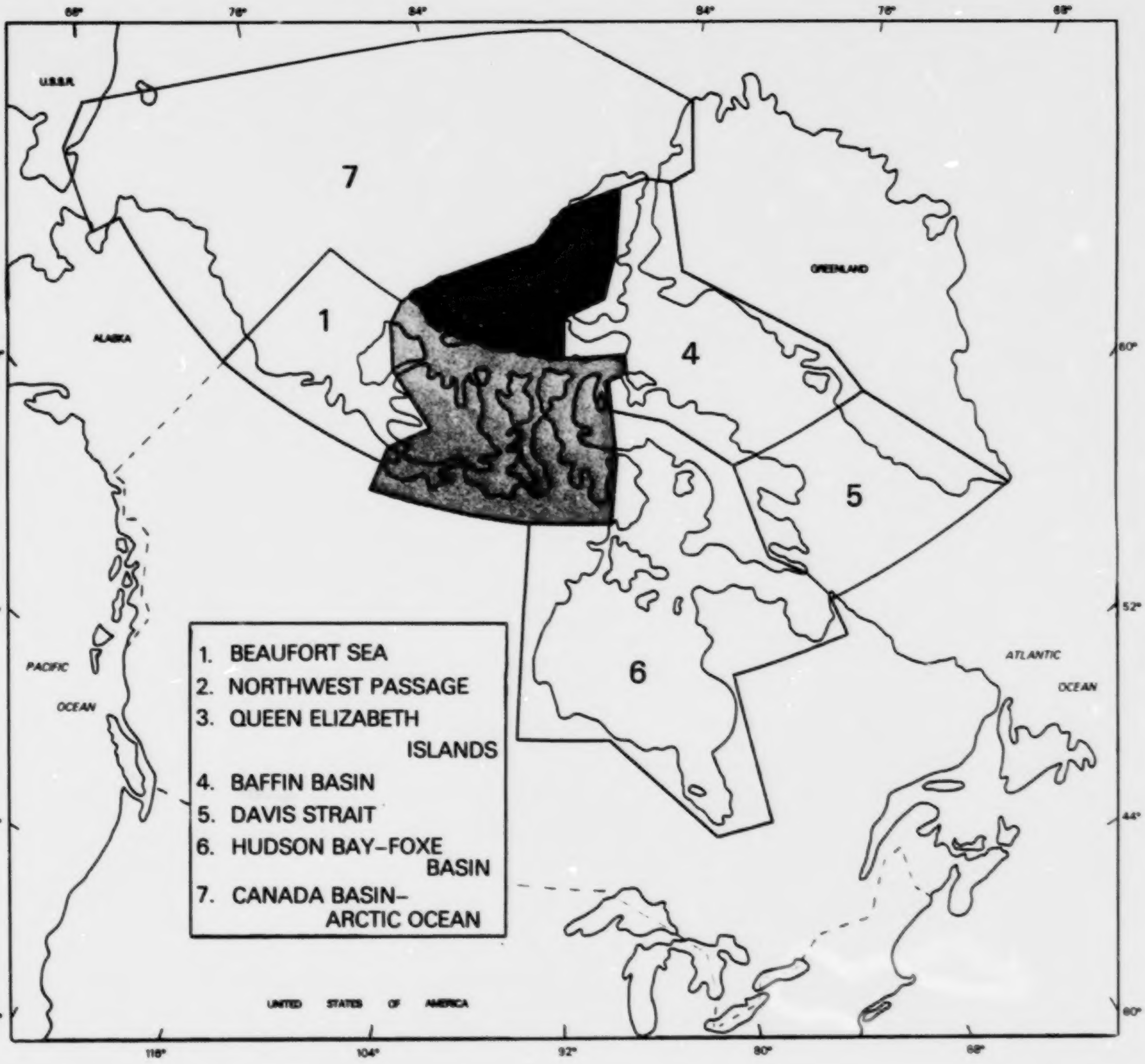
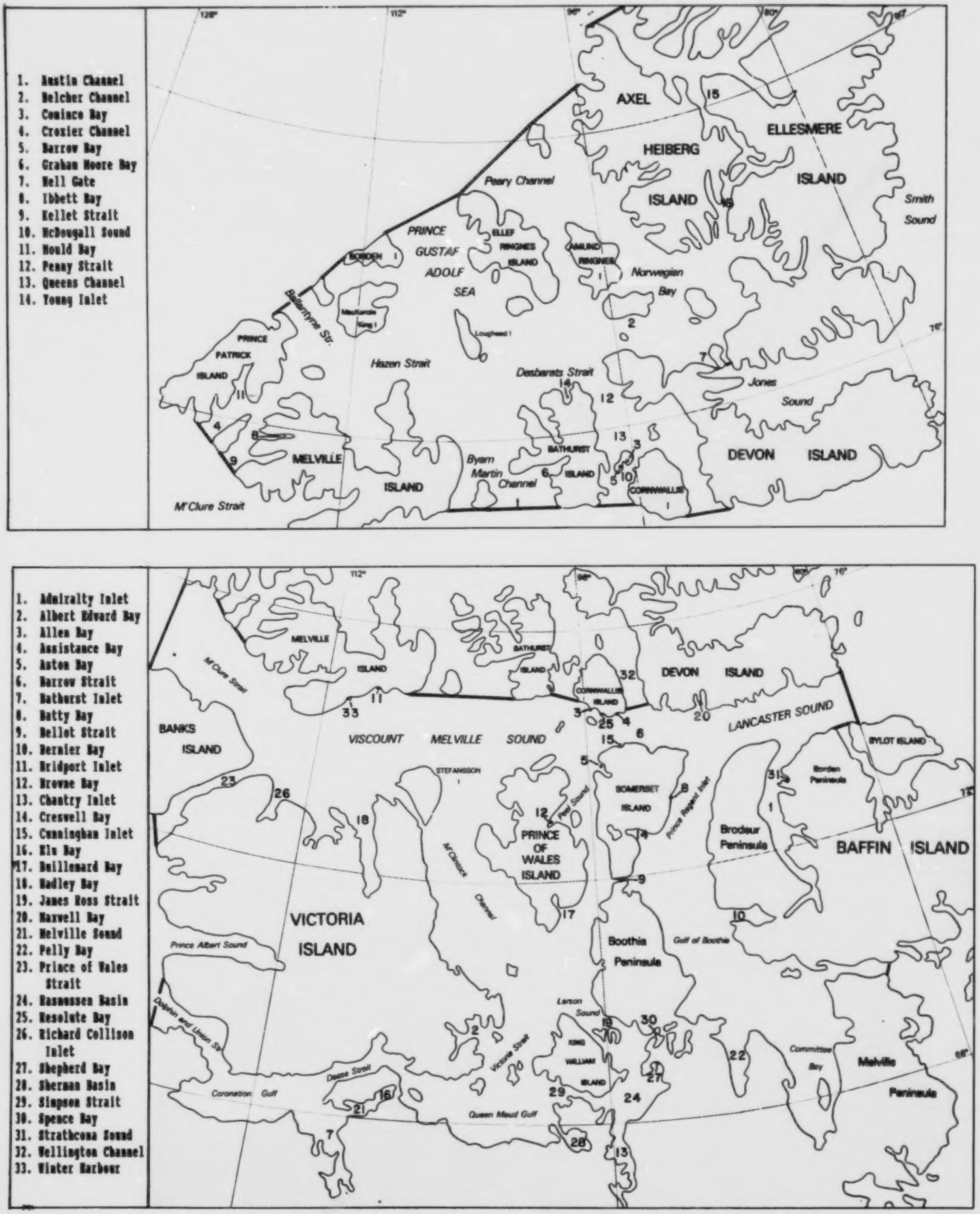

68°
76°
84°
84°
76°
68°
U.S.S.R.
7
GREENLAND
1
ALASKA
4
5
6
60°
52°
44°
124°
60°
52°
44°
60°
PACIFIC
OCEAN
ATLANTIC
OCEAN
1. BEAUFORT SEA
2. NORTHWEST PASSAGE
3. QUEEN ELIZABETH ISLANDS
4. BAFFIN BASIN
5. DAVIS STRAIT
6. HUDSON BAY-FOXE BASIN
7. CANADA BASIN-ARCTIC OCEAN
UNITED STATES OF AMERICA
116°
104°
92°
80°
68°

Fig.1. The Areas 2 and 3 covered by this volume are shaded in this map.



1. Austin Channel
2. Belcher Channel
3. Cominco Bay
4. Crozier Channel
5. Barrow Bay
6. Graham Moore Bay
7. Hell Gate
8. Ibbett Bay
9. Kellet Strait
10. McDougall Sound
11. Mould Bay
12. Penny Strait
13. Queens Channel
14. Young Inlet

AXEL
HEIBERG
ISLAND
ELLESMERE
ISLAND
Smith Sound
Peary Channel
PRINCE GUSTAF ADOLF SEA
ELLEF RINGNES ISLAND
AMUND RINGNES I
Norwegian Bay
BORDEN I
Ballantyne Str.
PRINCE PATRICK ISLAND
Hazen Strait
Lougheed I
Desbarats Strait
Jones Sound
DEVON ISLAND
BATHURST ISLAND
CORNWALLIS I
MELVILLE ISLAND
Byam Martin Channel
M'Clure Strait

1. Admiralty Inlet
2. Albert Edward Bay
3. Allen Bay
4. Assistance Bay
5. Aston Bay
6. Barrow Strait
7. Bathurst Inlet
8. Batty Bay
9. Bellot Strait
10. Bernier Bay
11. Bridport Inlet
12. Browne Bay
13. Chantry Inlet
14. Creswell Bay
15. Cunningham Inlet
16. Elu Bay
17. Guillemard Bay
18. Hadley Bay
19. James Ross Strait
20. Maxwell Bay
21. Melville Sound
22. Pelly Bay
23. Prince of Wales Strait
24. Rasmussen Basin
25. Resolute Bay
26. Richard Collinson Inlet
27. Shepherd Bay
28. Sherman Basin
29. Simpson Strait
30. Spence Bay
31. Strathcona Sound
32. Wellington Channel
33. Winter Harbour

MELVILLE ISLAND
BATHURST ISLAND
CORNWALLIS ISLAND
DEVON ISLAND
LANCASTER SOUND
BYLOT ISLAND
Borden Peninsula
BANKS ISLAND
M'Clure Strait
VISCOUNT MELVILLE SOUND
STEFANSSON I
Peel Sound
PRINCE OF WALES ISLAND
SOMERSET ISLAND
Prince Regent Inlet
Brodeur Peninsula
BAFFIN ISLAND
M'Clintock Channel
VICTORIA ISLAND
Prince Albert Sound
Boothia Peninsula
Gulf of Boothia
Dolphin and Union Str.
Larsen Sound
KING WILLIAM ISLAND
Victoria Strait
Committee Bay
Melville Peninsula
Dease Strait
Coronation Gulf
Queen Maud Gulf

Fig. 2. Place names and study area of the Queen Elizabeth Islands (top) and Northwest Passage (bottom) regions.

described collection (Jensen 1910) resulted from the Second Norwegian Arctic Expedition led by Otto Sverdrup from 1898 to 1902 (Sverdrup 1903, 1904). This data is from Hell Gate, though there is more from Jones Sound, outside the study area. A few fish specimens were collected from Borden Island and Melville Island by the Canadian Arctic Expedition, but it was not until after 1950 that more studies were carried out by government agencies museums and later by consulting firms.

Study Objectives

Biological surveys: A few data sets were based on surveys been carried out to determine what species existed in the area. They did not focus on fish but collected flora and fauna of all kinds. These include such studies as those by the Canadian Arctic Expedition from 1913 to 1918.

Impact assessment studies: These began in 1974 and were connected with development of a lead-zinc mine in Strathcona Sound. Later studies were carried out by government and industry in response to proposals for a gas pipeline from the Queen Elizabeth Islands to southern Canada, for oil exploration in Lancaster Sound and the shipping of hydrocarbons through the Northwest Passage.

Baseline/distribution studies: A long series of fish biology and ecology studies was begun in 1962 by the Arctic Biological Unit of the Fisheries Research Board. Using different gear types their researchers fished for over two decades at many locations in the Northwest Passage and Queen Elizabeth Islands.

Life history studies: These studies have been mainly concerned with the Arctic charr the most economically important species in the region. This work has been carried out primarily by the Freshwater Institute of the Department of Fisheries and Oceans.

Monitoring: Monitoring studies normally collect many organisms to detect physiological or other changes expected from a perceived impact. The other effects could range from changes in numbers of organisms, species composition or reproductive success. Some of the industry studies were of this type, as is one study by The Freshwater Institute of the Department of Fisheries and Oceans.

Economic studies: These include both surveys to determine the economic importance of fish to residents of the region as collected by the Department of Indian Affairs and studies to determine the economic viability of commercial fishing of certain species.

Species studied: Because most fish studies have focused on baseline abundance and distribution, the resultant data do not pertain to any particular species. Life history studies have dealt with the Arctic charr, the fish most important to the local people.

In recent years some emphasis has been placed on the Arctic cod Boreogadus saida, believed to be the most important fish in the marine food web, the cod is likely the most important link in transferring secondary production to the white whale.

Table 1 lists the species of fish known from the Northwest Passage and Queen Elizabeth Islands and the codes used for them in the Data Tables. Included are several freshwater species sometimes found in brackish waters. Care should be taken with taxonomically difficult groups such as the eelpout family Zooarcidae and the snailfish genus *Liparis* because many identifications are tentative or in error. *L. herschelinus* currently is considered conspecific with *L. tunicatus* (Able and McAllister 1980).

McAllister et al. (1981) described some of the eelpouts from the region and provided a key to all species known from Arctic Canada. More general taxonomic keys applicable to the region are McPhail and Lindsey (1970) and Scott and Crossman (1973) for anadromous species; Hart (1973), Leim and Scott (1966) and McAllister (MS) for marine species. Andriyashev (1954) is another valuable source of information.

Geographical distribution of sampling

Marine sampling for fish has been carried out in widely scattered areas of the region. Very little sampling has occurred north of Lancaster Sound and Barrow Strait because ice conditions make it inaccessible to vessels much of the time. Areas west and south of the Barrow Strait - Lancaster Sound area have also received very little attention.

Some areas which have been sampled more intensively are those which were the subject of impact assessment and monitoring studies such as Strathcona Sound, Bridport Inlet and Creswell Bay.

Seasonal distribution of studies

Most samples were taken in the open water season from June to September with the majority being collected in July and August. Few samples were collected in December, January and February. The cold and dark make sampling in this period extremely difficult. Sampling conditions during breakup in June and freezeup from late September to early October are also very difficult and there were few collections at these times.

METHODS

A search was made for fish data collected in the Northwest Passage and Queen Elizabeth Islands by government agencies, museums, universities, industry and consulting firms. Where possible, copies of the raw data were obtained. In most cases only reports based on the original data were available.

For the purposes of the catalogue a data set is defined as all data collected by the same methods by a single agency, usually in a single year. Information from all stations were considered to belong to one data set. If the methods had been different at one or more stations they would have been placed in a different data set.

In some cases if the same methods were used in subsequent years, the data from the later years are included under the number given in the original year.

Table 1. Fish species occurring in the Northwest Passage and Queen Elizabeth Islands.

Scientific Name	Common Name	Code
Squalidae - dogfish sharks		
Somniosus microcephalus (Bloch & Schneider)	Greenland shark	GRSH
Clupeidae - herrings		
Clupea harengus pallasi Valenciennes	Pacific herring	PCHR
Salmonidae - whitefishes/trouts		
Coregonus artedii Le Sueur	lake cisco	LKCS
C.autumnalis (Pallas)	Arctic cisco	ARCS
C. clupeaformis (Mitchill)	lake whitefish	LKWT
C. nasus (Pallas)	broad whitefish	BDWT
C. sardinella Valenciennes	least cisco	LSCS
Prosopium cylindraceum (Pallas)	round whitefish	RDWT
Oncorhynchus nerka (Walbaum)	sockeye salmon	
O. tshawytscha (Walbaum)	chinook salmon	
Salvelinus alpinus (Linnaeus)	Arctic charr	CHAR
S. namaycush (Walbaum)	lake trout	LKTR
Osmeridae - smelts		
Mallotus villosus (Müller)	capelin	CPLN
Osmerus mordax (Mitchell)	rainbow smelt	RNSM
Esocidae - pikes		
Esox lucius Linnaeus	northern pike	NRPK
Catostomidae - suckers		
Catostomus catostomus (Forster)	longnose sucker	LNSK
Gadidae - cods		
Arctogadus borisovi Drjagin	toothed cod	TDCD
A. glacialis (Peters)	polar cod	POCD
Boreogadus saida (Lepechin)	Arctic cod	ARCD
Eleginus gracilis (Tilesius)	saffron cod	SFCD
Gadus ogac Richardson	ogac	OGAC
Lota lota (Linnaeus)	burbot	BRBT

Table 1. Cont'd

Scientific Name	Common Name(s)	Code
Zoarcidae - eelpouts		
Gymnelus hemifasciatus Andriyashev	bigeye unernak	
G. retrodorsalis Le Danois	aurora pout	AUPT
G. viridis (Fabricius)	fish doctor	FHDR
Lycodes jugoricus Knipowitsch	shulupaoluk	ELPT
L. mucosus Richardson	saddled eelpout	SDEP
L. pallidus Collett	pale eelpout	PAEP
L. polaris (Sabine)	polar eelpout	PREP
L. reticulatus Reinhardt	Arctic eelpout	AREP
L. rossi Malmgren	threespot eelpout	TSEP
L. turneri Bean	ribboned eelpout	RBEP
Anarhichadidae - wolffishes		
Anarhichas denticulatus Kroyer	northern wolffish	NRWF
A. orientalis Pallas	Bering wolffish	BRWF
Stichaeidae - pricklebacks		
Anisarchus medius (Reinhardt)	stout eelblenny	STEB
Eumesogrammus praecisus (Kroyer)	fourline snakeblenny	FLSB
Leptoclinus maculatus (Fries)	daubed shanny	DBSH
Lumpenus fabricii (Valenciennes)	slender eelblenny	SLEB
Stichaeus punctatus (Fabricius)	Arctic shanny	ARSH
Pholidae - gunnels		
Pholis fasciata (Bloch & Schneider)	banded gunnel	BDGL
Ammodytidae - sand lances		
Ammodytes dubius Reinhardt	northern sand lance	NRSL
A. hexapterus Pallas	stout sand lance	STSL
Cottidae - sculpins		
Artediellus scaber Knipowitsch	rough hookear	RHKR
A. uncinatus (Reinhardt)	snowflake hookear	SFKR
Cottunculus?		
Cottus cognatus Richardson	slimy sculpin	
Gymnocanthus tricuspis (Reinhardt)	Arctic staghorn sculpin	ASSC
Icelus bicornis (Reinhardt)	twohorn sculpin	THSC

Table 1. Cont'd

Scientific Name	Common Name(s)	Code
I. spatula Gilbert and Burke	spatulate sculpin	STSC
Myoxocephalus quadricornis (Linnaeus)	fourhorn sculpin	FHSC
M. scorpioides (Fabricius)	Arctic sculpin	ARSC
M. scorpius (Linnaeus)	shorthorn sculpin	SHSC
Triglops nybelini Jensen	bigeye sculpin	BESC
T. pingeli Reinhardt	ribbed sculpin	RBSC
Agonidae - poachers		
Aspidophoroides olriki Lütken	Arctic alligatorfish	ARAF
Leptagonus decagonus (Bloch and Schneider)	Atlantic poacher	ATPH
Cyclopteridae - lumpfishes and snailfishes		
Cyclopteropsis jordani Soldatov	smooth lumpfish	SMLF
Eumicrotremus derjugini Popov	leatherfin lumpsucker	LFLS
E. spinosus (Fabricius)	Atlantic spiny lumpsucker	ASLS
Careproctus sp.	sea tadpole	STPL
Liparis atlanticus (Jordan & Evermann)	Atlantic snailfish	ATSF
L. fabricii Kroyer	gelatinous snailfish	GLSF
L. gibbus Bean	dusky snailfish	DSSF
L. herschelinus Scofield	bartail snailfish	BTSF
L. tunicatus Reinhardt	kelp snailfish	KPSF
Gasterosteidae - sticklebacks		
Pungitius pungitius (Linnaeus)	ninespine stickleback	NSSB
Pleuronectidae - righteye flounders		
Hippoglossoides robustus (Gill & Townsend)	Bering flounder	BRFL
Limanda proboscidea (Gilbert)	longhead dab	LHDB
Liopsetta glacialis (Pallas)	Arctic flounder	ARFL
Platichthys stellatus (Pallas)	starry flounder	STFL

SUMMARY OF MEASUREMENTS MADE

A measurement is the basic unit of information about fish described in this catalogue. A measurement can range from the number of fish present, observation of behaviour, to any of a number of physical measurements on the body of a single fish. A measurement is defined as a primary determination of some fish characteristic such as length, weight or egg number; secondary or derived measures such as abundance, distribution or recruitment rate are not included.

A total of 54 different measurements were recorded for Northwest Passage and Queen Elizabeth Islands Fish. These have been grouped into 8 categories in this catalogue, as listed in Table 2. The list includes only actual measurements in the data sets, and not all the measurements theoretically possible.

Table 2. Fish Measurements

Number

Number in gillnet
Number in seine haul
Number in trawl
Number in trap
Number killed by poison
Number harpooned
Number caught on rod and line
Number caught on longline
Number caught by hand
Number jigged
Number counted from sonar scans
Number found dead
Number in plankton net
Number killed by explosives
Number in bottom dredge
Number in bottom grab
Number caught on hand line
Number in commercial fishery

Identification

Species name

Morphometrics

Length, total
Length, standard
Length, fork
Body dimensions (length of body parts etc.)
Weight
Meristics, for example;
    caecae number
    gill raker number
    others

Age

Number of annuli, scale
Number of annuli, otolith
Number of annuli, fin ray
Number of annuli, operculum

Reproduction

Testes, presence/absence
Testes, relative developmental stage
Testes, length or girth
Testes, volume
Ovaries, presence/absence
Ovaries, relative developmental stage
Ovaries, length or girth
Ovaries, volume
Egg diameter
Egg number
External sexual characteristics

Food

Gut contents, % full
Gut contents, weight
Gut contents, volume
Gut contents, numbers of food items
Gut contents, identification

Parasites

Presence/absence, by organ
Numbers, by organ
Identification

Movements

Direction of movement
Number of fish tagged
Number of fish recaptured

GENERAL CATALOGUE LAYOUT

Three comprehensive summary tables thoroughly describe the data sets. Data Table 1 includes: an identification number which is shared with physical, chemical and other biological data sets collected by the same agency at the same time, the company or agency which collected the data, the collection period, ship used (if applicable) the geographic area where the study was conducted, the taxa collected, the biological quantities sampled or measured, concurrent biological, chemical and physical measurements taken (Table 3) and any applicable remarks.

Table 3. Concurrent Measurements.

Biological categories

- Microbes
- Phytoplankton
- Zooplankton
- Zoobenthos
- Phytobenthos
- Epontics (algae and invertebrates)
- Birds
- Mammals
    - cetaceans
    - pinnipeds
    - ice associated (bears and foxes)

Chemical categories

a) Environmental medium	b) Broad Category of Measurement
atmosphere	hydrocarbons
ice	metals
water	nutrients
suspended particulates	chlorophyll
sediment	dissolved oxygen
biota	major elements
	other

Physical categories

Atmosphere	Ice	Water Column	Substrate
wind speed	salinity	temperature	particle size
wind direction	thickness	salinity	
precipitation	other	conductivity	
atm. conditions		current speed	
other		current direction	
		depth	
		turbidity	
		transparency	
		water level	
		wave climate	

Data Table 2 lists parameters measured, the unit of measurement, numbers of samples and stations, gear type and description, methods of sample storage and analysis, measurement precision and accuracy and the rating of the data.

Data Table 3 lists further information about the data sets such as station Latitudes and Longitudes and sampling times.

Maps are provided to show data coverage by year and by bi-monthly period. All sampling locations are shown on the maps.

A number of Indices are provided to allow the user quick access to the data sets. There are species, geographic area, measurement and method of collection indices.

A comprehensive list of all known publications based on the data sets is also provided.

USER'S GUIDE TO THE CATALOGUE

STEP 1

Using one of the four indices (Species, Measurement, Geographic, Collection method), the user can key into the studies he or she is interested in. For example if one is interested in studies on Arctic cod in Lancaster Sound, consult the Location index and copy down the identification numbers of the studies listed there for Lancaster Sound. Next, consult the Species index and copy down the identification numbers for studies on Arctic cod. Numbers common to both indices are the cod studies in Lancaster Sound.

STEP 2

The identification numbers obtained now focus the search through the data tables, maps and reference lists.

Table 1 can be consulted for general information on collecting and funding agencies, types of measurements made on which species, concurrent measurements made and the general sampling areas and dates.

STEP 3

Table 2 is to be consulted for each data set for more detailed information on the parameters measured for each species, the methods employed for these measurements, numbers of samples taken, precision and accuracy of the measurements and an appraisal of data quality.

STEP 4

By referring to Table 3 the user can find information on exact sampling locations, sampling times, sampling depths, and sampling intervals. Graphic representations of spatial and temporal sampling coverage is provided by the maps.

STEP 5

The Reference index can be consulted to find the citations of reports on given data sets. This index also provides information on the method of storage of the original data and the location and availability of samples and data.

APPRAISAL OF STUDY METHODS

DEFINITION OF THE RATING SYSTEM

All data have been rated on a 5-level rating scale, defined as follows:

Rating Scores	Data Quality
0	Data are found (or judged) to be wrong.
1	Data are suspect because of ill defined doubts. Patterns or trends within the data are probably not real.
2	Insufficient information is provided to assess the quality of data; the data were not or could not be investigated.
3	Data are internally consistent; patterns or trends within the data are probably real but comparison with other data sets may be difficult or impossible.
4	Data are internally consistent and are sufficiently standardized or tied to a reference that comparison with other data of this rating score should be possible. Data may not be accurate in an absolute sense.

Because the "2 rating is not better than a "1" rating, the scheme is not truly hierarchical. Ignoring the "2" rating, however, one finds that the scheme is hierarchical (0, 1, 3, 4). The scheme is presented this way to provide continuity with other catalogues in the series.

The rating scheme is intended to be a guide to the appraisal of study methodologies and not an absolute statement of data quality. An ideal rating system would use only objective rating criteria, but due to the nature of some biological measurements and observations, this is not always possible. Some measurements and observations involve a high level of subjective judgment or interpretation from the investigator.

BACKGROUND AND RATIONALE

In order to make comparisons of biological phenomena between areas, seasons, years or before and after environmental perturbations, it is necessary to ensure that the data collected in different areas or at different times are comparable. One objective way to compare data is to ensure that accuracy of the measurements is the same.

Accuracy is a measure of how close to the true value a measurement is. It is a measure of systematic variation in the results. For example, fish weight measurements may always be say 10 g too high if the scale is zeroed incorrectly.

Precision is the measure of the random variation in results; it can be expressed for example as a standard deviation. The more precise the measurements the closer together are repeated measurements of the same parameter on the same animal or structure.

In the physical and chemical sciences multiple measurements are often easy to make to determine precision. To determine accuracy, standards are available, although relating chemical standards of one matrix to samples of a different matrix is often difficult. Physical and chemical laboratories develop sampling and analytical protocols and quality control procedures to ensure the best results possible.

Some biological measurements are simple physical measurements on organisms (for example weight, length). Simple protocols and quality control procedures can usually ensure the precision and accuracy of such measurements.

Other biological measurements are observations or combinations of observations and instrument measurements. For example, to obtain testes weights one has to first identify the testes (observation) and then weigh them (instrument measurement). The recognition of the testes is subjective and because no researcher will carry a reference testis with him, there has to be a small amount of doubt about the measurement. Consequently, the rating of such data is also partially subjective.

The operational unit of this catalogue and others in this series is the "measurement". This is defined as a single determination of some variable. If multiple determinations have been made, it is the mean value plus or minus the standard deviation. The measurement reflects what was actually recorded such as the number of fish taken from a gillnet. It is not a derived number such as abundance. A list of measurements is provided in Table 2.

Each measurement type in each data set has been appraised separately. First, rating factors were established for each measurement type, the criteria being based on the judged ability of the researcher to produce repeatable, accurate results; second, the investigator's methods were judged by these factors and a rating score from 0 to 4 assigned to the measurement. The rating score is the lowest of the scores derived from the individual rating factors.

It is fundamental to the rating scheme that the measurement methods be repeatable not only by the original investigator but also by anyone else wishing to repeat them. For this to be possible, the original work should have been performed in a consistent and defined manner and the investigator should have provided a complete detailed description of all sampling and analytical methods. All terms and units should have been defined clearly and concisely.

Completeness implies that enough data were collected to answer the question or test the hypothesis for which they were collected. For example a collection of ten 4-rated broad whitefish ages would not be sufficient to describe the age structure of an area's broad whitefish population.

Completeness and final use are independent of the quality of the data and have not been taken into account in the rating of the data. The rating achieved by particular data may, on the other hand, determine the purposes for which they can be used.

No matter how precise the measurement, if the sample is not representative of what exists in nature, the results can be useless for some applications. For example one may trawl an area, describe the gear and sampling conditions fully, count all individual fish in the trawl accurately and identify each one to species but if some unknown proportion of some species avoid the trawl, the sample will not represent the population actually in the area. The results will be of limited use in describing the population. Samples such as this could receive a 3 or 4 rating, if the documentation were sufficient for another investigator to repeat the measurement under identical conditions in order to produce comparable results. Ratings were applied independent of the representativeness.

The measurement "identification" has not been rated because it is a subjective measurement. Although there are keys against which a specimen can be compared, the identification depends on the interpretation by the investigator of how well the organism fits a particular description. Correct identification of organisms is crucial to all subsequent operations. This leads to the dilemma that possible 3 and 4 rated data may not be usable because the identification of the organisms is incorrect.

RATING FACTORS FOR FISH MEASUREMENTS

Number

Method of counting: Some methods of counting or enumerating fish are intrinsically more accurate than others. For example, after experimental gillnetting or trapping, fish usually are counted one by one and errors are small. On the other hand, if they are counted as "pailsfull" after being taken from a large seine haul, the errors may be considerably larger. Numbers sometimes are estimated visually in 10's, 100's etc.; errors may be larger or smaller depending on the method of counting employed.

Subsampling often is used for large catches as in the "pailsfull" example, cited above. An arbitrary weight or volume of the catch is counted and extrapolated to the total weight or volume of fish. Estimates of precision are required to increase the certainty of the total number caught.

Intrinsic errors in catch method: In some data sets, fish numbers are estimated by counting "blips" on a sonar screen. There can be interpretation errors because counts for a given species will be in error if another species is mistakenly identified as that species.

Usually an investigator is interested in more than the number of fish in a sample. "Numbers" are combined with other information to derive values such as biomass, production and abundance. Other information is required if numbers are to be useful in the calculation of these values. For the purposes of this catalogue, the presence or absence of this information does not change the rating of the measurement of "number" (or for that matter any of the measurements). However, we recognize that they do determine the usefulness of a measurement in deriving other values.

The other information required is as follows:

- complete description of sampling gear, including all sizes, materials used in construction, brand names model numbers where applicable, etc.
- a description of the sampler habitat including bottom type, total water depth, presence or absence of ice, salinity (especially in estuarine areas), etc.
- a complete description of the methods of gear deployment or use including depths of net sets, orientation of nets to shore, towing speeds, settings of any electronic instruments used, bait used on setlines, etc.
- dates of sampling
- the time of day when sampling occurred and the time zone
- weather information
- the length of sampling time for passive gear such as gill nets traps etc., volume of water trawled, length of beach seined etc. for active sampling gear
- the area of habitat represented by the sample taken

In order to rate "number" one needs to know: 1) how it was determined, and 2) the level of precision. In the case where numbers are arrived at by counting one at a time, it is unlikely that the precision will ever be known as fish are not normally counted more than once, nor is there any need to, as errors are bound to be very small. A check on numbers often occurs when all fish in the catch are processed beyond counting. The number of fish weighed or measured can be checked at a later date. Such data would receive a 4 rating assuming that all other required information was provided.

If numbers were arrived at by methods other than by direct counting the investigator should have provided an estimate of the precision of the method employed. Failure to do so would result in a 1 rating for the data. If an estimate of precision is provided along with a full description of the counting method, a 4 rating is possible.

The following paragraphs indicate factors which affect the representativeness and comparability of selected catch methods.

Number in gillnet: A large number of factors affect the comparability of gillnet catch data. Gillnets are very size selective and species selective (depending on the morphology of the fish). Efficiency is dependent on such factors as mesh size, twine material, thickness and colour; hanging ratio (netting length to float line length), time of day, method of net setting and fish behaviour which varies with environmental factors such as temperature, wind velocity and turbidity.

Number in seine haul: The number of fish caught by a beach seine depends on the mesh size, the smoothness of the bottom, ensuring that the leadline is kept on the bottom, time of day, clarity of the water and the distance seined. The accuracy of the number determination depends on the method of counting of subsampling used.

Number in trawl: Trawling is often a reliable method for obtaining quantitative estimates of fish populations. Obtaining representative samples is dependent on a number of factors such as shape and size of the mouth of the trawl, mesh size, trawling speed and other details of the construction of the trawl.

Number in trap: Trap efficiency varies with species and often with life stage. Some species will follow leads, others will not; some fish species are more likely to escape than others. The size of mouth, mesh size, and net size can all affect catches. Other factors which can affect catch are water turbidity and temperature, the location of the trap and its orientation to the shoreline.

Number killed by poison: In some areas such as small bays which can be blocked off with nets, poisoning can be used as a quantitative catch method. In the Beaufort Sea it has been used only as a qualitative catch method. Because of this, "Number killed by poison" is not rated.

Number harpooned: This method is strictly qualitative and is not rated.

Number caught on rod and line: This method is strictly qualitative and is not rated.

Number caught on longline: This method has been used on only qualitatively in the Beaufort Sea and is not rated.

Number caught by hand: This method is strictly qualitative and is not rated.

Number counted using hydroacoustics: This method has the potential for determining absolute population estimates. There are many problems associated with it, however. Some of these are: poor species discrimination, poor sampling capability near the surface and bottom, lack of biological samples and potential biases associated with target strength and calibration.

Number passed through dredge: This is not a sampling method for fish *per se* but is used to determine destruction of fish by dredges. There are difficult physical problems to overcome and representativeness is a problem. The best way to overcome these would be to perform experiments with the introduction of fish into the dredge.

Number found dead: This method is strictly qualitative and is not rated.

Number in stomach contents: This is another qualitative method. There are problems even at this level due to digestion of the fish. This method is not rated.

Number in plankton net: For early life stages this method can be as quantitative as trawling and would be rated the same way.

Number in bottom grab: Fish catches in grabs are incidental to benthos sampling. The method is not quantitative and is, therefore, not rated.

Identification (not rated)

Species name:

EXPERIENCE OF THE IDENTIFIER: The experience of the person identifying the fish is probably the most important factor in determining whether or not a fish has been identified correctly. Unfortunately, the experience of the identifier is a factor which is impossible to rate. Often it is not known who identified the fish.

In most studies, however, it is necessary only to send specimens of the species in question to a recognized expert for verification of the identification. The names of verifying experts should be stated.

KEYS EMPLOYED: One or more keys will likely be recognized as being the definitive works for the species in question. If these have not been used, doubt will be cast on the identification of these species. Authors should state which keys were employed to identify each species.

PRESENCE OF SIMILAR SPECIES: A unique species, such as the inconnu in the Beaufort Sea region, is relatively easy for most people to identify. On the other hand two similar species, such as arctic and least cisco, which occur together in some areas of the Beaufort Sea, require experience to separate with certainty. It is extremely difficult to separate very small individuals of these species.

ESTABLISHMENT OF A REFERENCE COLLECTION: If a reference collection has been established, it will be possible for other investigators to confirm or reassess species identifications. Also, if revisions of species are carried out, it will be possible to apply revisions to the collection. Such collections should be deposited at appropriate facilities. In Canada the National Museum of Natural Sciences and the Royal Ontario Museum are two such facilities. This action ensures the continued availability of the specimens.

Because of the subjectivity of trying to rate the quality of identification of species, this category of measurements is not rated.

Morphometrics

Length, total:

Length, standard:

Length, fork:

Body dimensions (length of bones, body parts etc.):

USE OF APPROPRIATE MEASUREMENT UNITS: The measurement unit has to be chosen to represent accurately the size of the species or part being measured and to be able to separate differences in the size of individuals or their parts. Whole centimetres may be adequate for measuring the length of a metre long fish but would be inappropriate for measuring a ten centimetre long fish.

Inappropriate units are not normally a problem but the units used should be stated to avoid uncertainty.

SPECIFICATION OF STORAGE CONDITIONS: Some storage conditions can change the sizes, shapes and weights of fish or their body parts. These include formaldehyde, drying, etc. If measurements have been made on stored fish or their parts, the investigator should state this fact and should have carried out trials to determine the effects of the storage method on relevant measurements. Because length and weight change over time in formaldehyde before they stabilize, the time in storage should be stated.

SPECIFICATION OF WHICH LENGTH IS MEASURED: Three different lengths are used for fish. These are standard, fork and total. There are also two total lengths, natural and maximum. Standard length is always shorter than the other two because it is measured from the tip of the snout to the base of the caudal fin rays. In the early part of the 20th century in Canada the term total length had a different meaning from the current one.

The investigator should specify the type of length measured to avoid confusion and errors.

TYPE OF MEASURING INSTRUMENT USED: Investigators commonly use a fish board graduated in millimetres. It has a vertical end piece against which the snout of the fish may be placed to ensure that length is measured precisely. The investigator should state what sort of instrument was used for length measurement and what the smallest readable unit of measure was.

For body parts, a vernier caliper or similar instrument is required for accurate measurement(s). Their use should be stated, as should the degree of precision of the instrument.

In order to obtain a 4 rating for length, the data should include the type of measuring instrument used and its accuracy, an estimate of the precision of the measurement, a description of the procedure used to measure the length and, for fish length, the type of length measured (standard, fork, total).

Weight:

TYPE OF UNITS USED: As with length, the size of the unit has to be appropriate for the weight of the fish.

CALIBRATION OF MEASURING INSTRUMENTS: Scales often go out of calibration and must be recalibrated at regular intervals. It should be stated that this procedure was carried out and at what intervals it was done.

SPECIFICATION OF STORAGE CONDITIONS: As with length, storage conditions of specimens prior to weighing may affect weight. If weights are taken after storage or preservation, the treatments should be described in detail. For best results, the effects of storage and preservation techniques should be determined and reported.

To receive a rating of 4 weight data must include the type of scale used, estimates of the precision and accuracy of the measurements, information about calibration of the scales, information about storage of samples, and the effects of storage on weight.

Meristics, for example:

# of caecae
# of gill rakers
etc.

The precision of such measurements may be determined using repetitive counts. Systematic counting errors resulting from misinterpretation of what is being counted can still occur. Therefore, a description should be given of the interpretation of structures being counted. If all of this information is provided, the data will be given a 4 rating.

Age

Number of annuli, scale:
Number of annuli, otolith:
Number of annuli, fin ray:
Number of annuli, operculum:

USE OF THE APPROPRIATE BODY PART: As can be seen from the above list, a number of different body parts can be employed for aging fish. Not all parts are appropriate for all fish species or for all ages of fish within a species. For example, scales are unreliable for aging old, slow growing species. They are also unsuitable for northern salmonids. Often scales underestimate the true age of the fish by a proportionally larger amount as the true age of the fish increases. It is not possible to compensate for this error. Other species tend to lose and regenerate scales. The replacement scales do not have annuli for the years prior to replacement.

DESCRIPTION OF SAMPLING OF BODY PART: There should be a complete descripiton of how the body part was obtained. This is particularly important for scales. The first scales to develop are not on the same part of the body in all species. The scales have to be taken from the correct area to obtain accurate ages. For fin rays it is important that they be taken as close to the body as possible to obtain accurate results.

DESCRIPTION OF STORAGE METHODS: These should be described. It is possible to erode otoliths if they are stored in an acid medium, for example if fish are stored in un-buffered formalin otoliths can be decalcified, thus obscuring annuli.

PREPARATION AND VIEWING: Better results are sometimes obtained by processing the body part prior to examination for annuli. One example is grinding and burning otoliths. Others are clearing, staining, making acetate impressions of scales and sectioning of fin rays or otoliths. Such treatments provide more contrast between "light" and "dark" bands. All information on the treatment of body parts should be included in the methods.

It is also important to describe the equipment and counting methods used for determining the number of annuli. This should include magnifications, use of phase-contrast microscope, etc. Criteria should be provided for the definition of an annulus for each species aged.

TRAINING AND EXPERIENCE OF THE AGER: Because interpretation of annuli is an acquired skill, the experience of the person aging the fish is of great importance. It would be of benefit to someone reading a report if the names and experience of the agers were published. At the very least a report should state that the ager is trained to read annuli of the species in question.

INTERCALIBRATION WITH OTHER AGERS: When more than one individual is responsible for aging fish from one study, it is necessary to calibrate the agers to ensure that they are providing comparable results. A report should state how many people aged the fish and whether or not intercalibrations were done.

REPETITIVE COUNTING: In order to obtain statistics on the ages obtained it is necessary to count annuli a number of times for each fish. This is often done by more than one person and can show when systematic errors are being made by one of the agers. Details should be given of repetative counts and the estimates of precision for the ages.

VALIDATION OF ANNULI: To ensure that ages determined from the counting of annuli are accurate, it is necessary to prove that each operationally defined annulus does in fact represent a single year's growth. A number of methods are available to do this but it requires a lot of time and effort for each species. Unfortunately, these procedures have been carried out on few species. It is normally assumed that so called light and dark rings are formed annually. If validation has not been performed, the data are not down-graded in the ratings.

Unless the ages of fish have been calibrated between different laboratories it will not be possible to ensure that data produced by the two labs are comparable. Under these circumstances the best rating that can be achieved for age data is a 3. To be rated 3 all of the information noted above will have to be provided with the age data.

Reproduction

Testes, presence/absence:
Ovaries, presence/absence:

AGE OF FISH: Young fish often have very small gonads; sex identification is very difficult. Experienced observers will have less trouble determining fish sex but a microscopic examination by trained observers is often required for immature fish.

Testes, weight:
Ovaries, weight:

These are the same as for fish weight.

Testes, relative development stage:
Ovaries, relative developmental stage:

Using such a scheme is very difficult because the descriptions are subjective. In some cases photographs have been taken of the various defined developmental stages. This not only aids the field workers in determining the developmental stage of each fish examined, but also allows other workers to use the same scheme or to compare it to their own.

Some schemes are based on measurements of the testes, ovaries or eggs. Because these are secondary measurements they cannot be rated. The measurements on which they are based are rated, however, and the scheme would be reproducible.

Rating schemes which are not reproducible are of little value. In most cases the best rating possible for relative developmental stage data is a 3. In cases where photographs have been used to define the stages, a 4 rating is possible.

Testes, size:
Testes, volume:

Size of testes may be a length or girth which would be measured as any other linear measurement. It would be rated as any other length.

The volume of testes may be measured directly, as by displacement of water in a measuring cylinder, or by roughly estimating the volume as a percentage of the size of the body cavity. The former method may be rated from information provided on the methodology. A 4 rating would require a description of the equipment and methods used as well as estimates of the precision and accuracy of the measurements.

The measurements obtained by estimating the percentage of the body cavity receive a 1 rating automatically because they are highly subjective and not comparable to data obtained by other investigators, nor can different people within the same study be relied upon to produce comparable results.

Ovaries, size:
Ovaries, volume:

Measurements taken in these categories would be rated the same as for testes size and volume, above.

Egg diameter:

See "Length"

Egg diameter may be used to determine the maturity of the fish by comparing the diameter in a given fish to the known diameter in a ripe and running female. Eggs should be measured fresh to avoid differential diameter changes. The only comparison possible between populations and years would be on eggs taken from ripe and running fish.

Egg number: The number of eggs is usually determined by counting weight or volume subsamples and comparing to the total weight or volume of eggs.

See "Number", "testes volume" or "weight" depending on the method of estimation. Estimates of precision and accuracy of the subsampling method should also be included.

External sexual characteristics: In some species and at certain times of the year, usually the breeding season, there are differences between the sexes. These can be used to differentiate between males and females without the need for killing fish.

In order to be rated 4, The data would have to be collected at the right time of year, applied to a species normally exhibiting sexual dimorphism, and the criteria used for sexing should be stated explicitly.

If fish are ripe and running it is possible to determine the sex of the fish by the type of sexual products released.

Food

Gut contents, % full:
Gut contents, weight:
Gut contents, volume:
Gut contents, numbers of individuals:
Gut contents, species identifications:

All of these topics are similar to other topics covered above: for "gut contents % full" see "testes, size"; "% fullness" is a subjective measurement and cannot be rated objectively; for "gut contents, weight" see "weight"; for "gut contents, volume" see "testes volume"; for "gut contents, number of individuals" see "number". Species identification of the gut contents cannot be rated.

REPRESENTATIVENESSS OF FOOD DATA: Catch method can affect the gut contents; rotenone, trawling, gillnetting and electroshocking all stress fish and they may regurgitate food. Some species are more likely to regurgitate their food, e.g. piscivorous fish with large distendable esophagi. If fish are retained for long periods in traps or gillnets food may may be digested before it can be examined. Large fish in traps may eat other organisms in the trap, leading to atypical gut contents. Also, diurnal feeding patterns exist for some species. All of these factors should be taken into account when comparing food habits.

Parasites

Presence/absence, by organ:
Numbers, by organ:
Species identifications:

See "Gut contents", above.

Movements

Location - latitude and longitude (not rated): There are numerous methods for determining position such as dead reckoning, radar fixes, radio positioning, satellite navigators etc. Each has its own precision and accuracy. The method employed to determine position should be stated along with an estimate of the precision and accuracy of the method.

Because it is almost impossible to find an exact location a second time, location is not rated. Suspect locations are noted in the remarks column.

Direction of movement: Instantaneous direction of movement can be determined by setting parallel sets of gear such as traps or gillnets such that fish traveling in one direction are caught in one set and those travelling in the opposite direction in the other. Single gillnets can be used by noting which side of the net the fish swam into. This measurement is actually derived from "number" in the particular gear type and direction in which the net is set.

Longer term directions of movement can be determined from radio tags or sonar tags or from the return of numbered tags. However, the actual direction is determined from two or more locations and is also a derived measure.

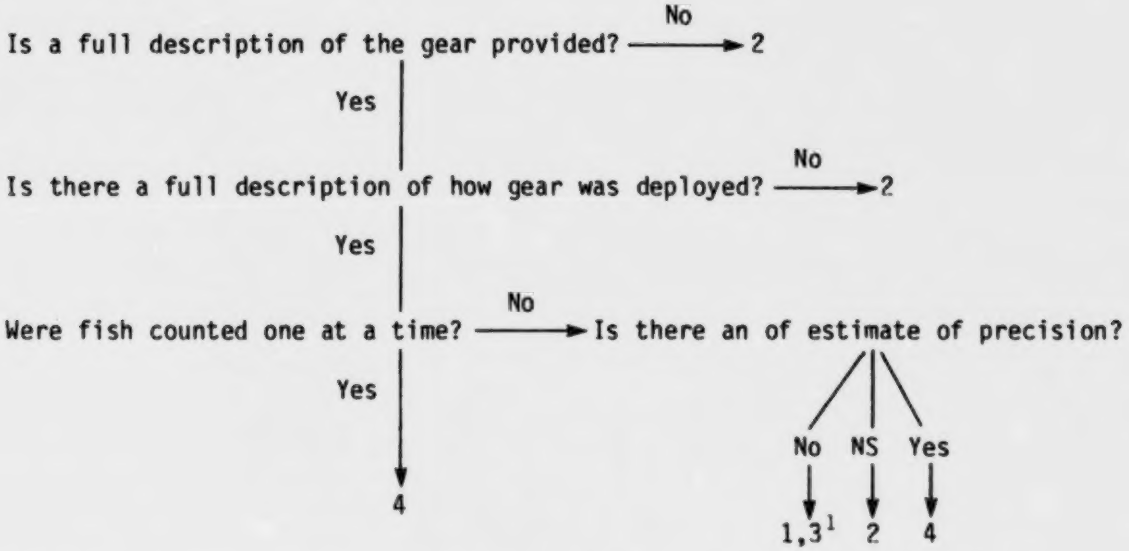
Number of fish tagged:
Number of fish recaptured:

These measurements would be treated the same as any other "number". To be of use however, further information would be required. One needs the location at which the fish was caught, the date it was caught and the date and location of recapture. To make the most use of the data one would prefer to have the length and weight at initial capture and and equivalent data at the recapture. Because the investigator often depends on fishermen to return tags, the only information usually available is the location of the recapture.

DATA RATING CHARTS

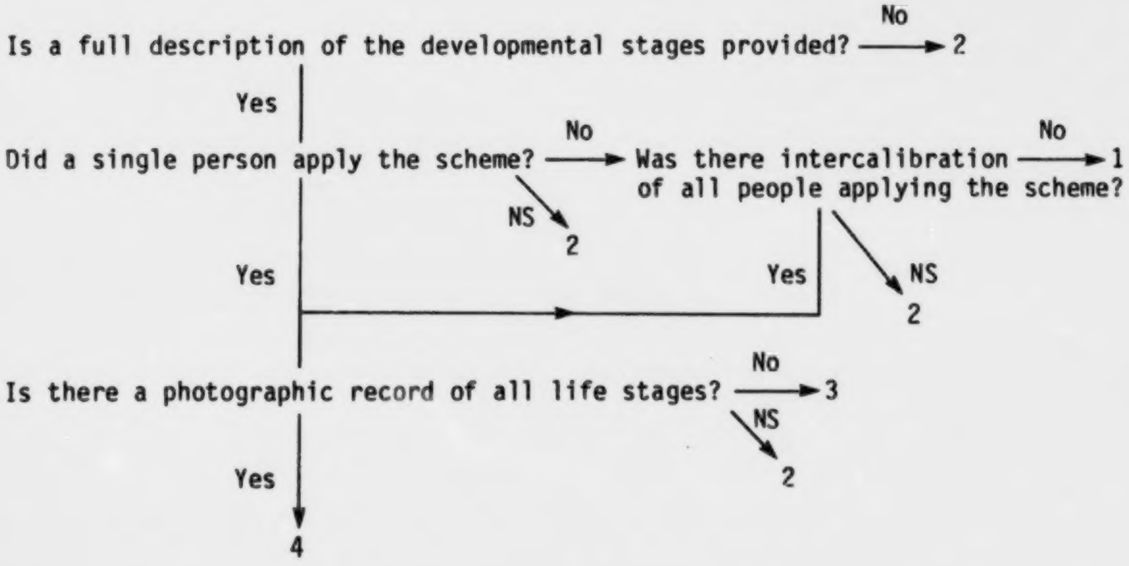
NS = Not Stated

Number

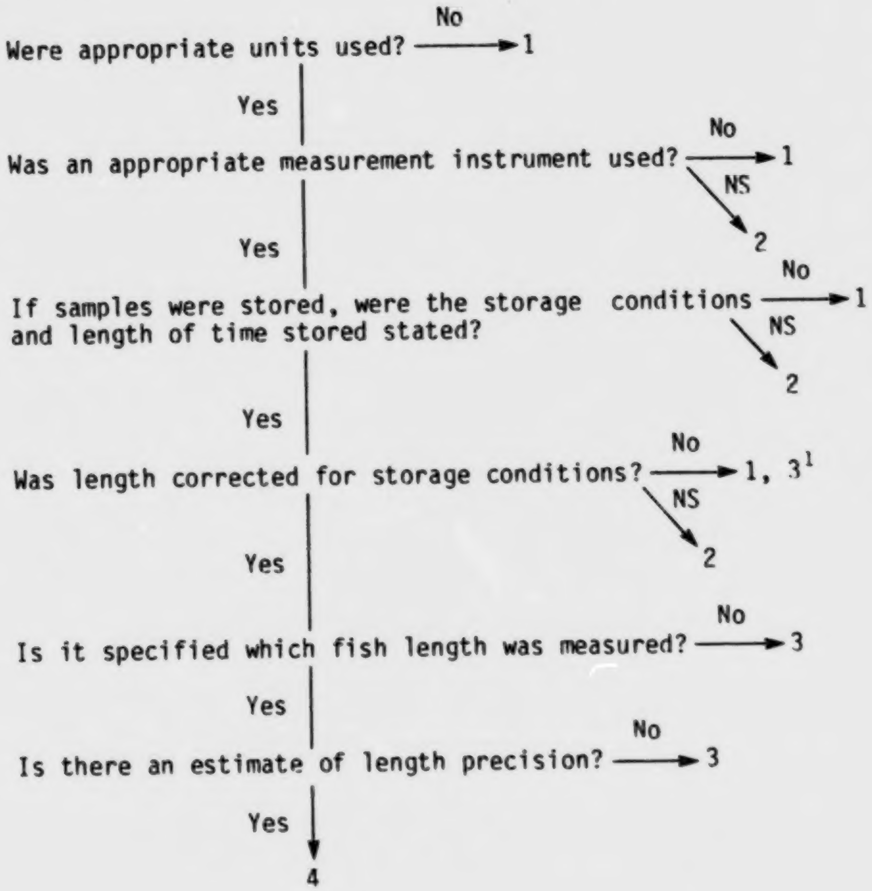

Is a full description of the gear provided?
No
2
Yes
Is there a full description of how gear was deployed?
No
2
Yes
Were fish counted one at a time?
No
Is there an of estimate of precision?
Yes
4
No
NS
Yes
1,3[1]
2
4

[1]There is a good chance that the data are incorrect in absolute terms, ie not accurate, but if the same method is used with all samples and there are no large differences in species composition or in sizes of fish caught, samples will be comparable in relative terms.

Relative Developmental Stage


Is a full description of the developmental stages provided?
No
2
Yes
Did a single person apply the scheme?
No
Was there intercalibration of all people applying the scheme?
No
1
NS
2
Yes
Yes
NS
2
Is there a photographic record of all life stages?
No
3
NS
2
Yes
4

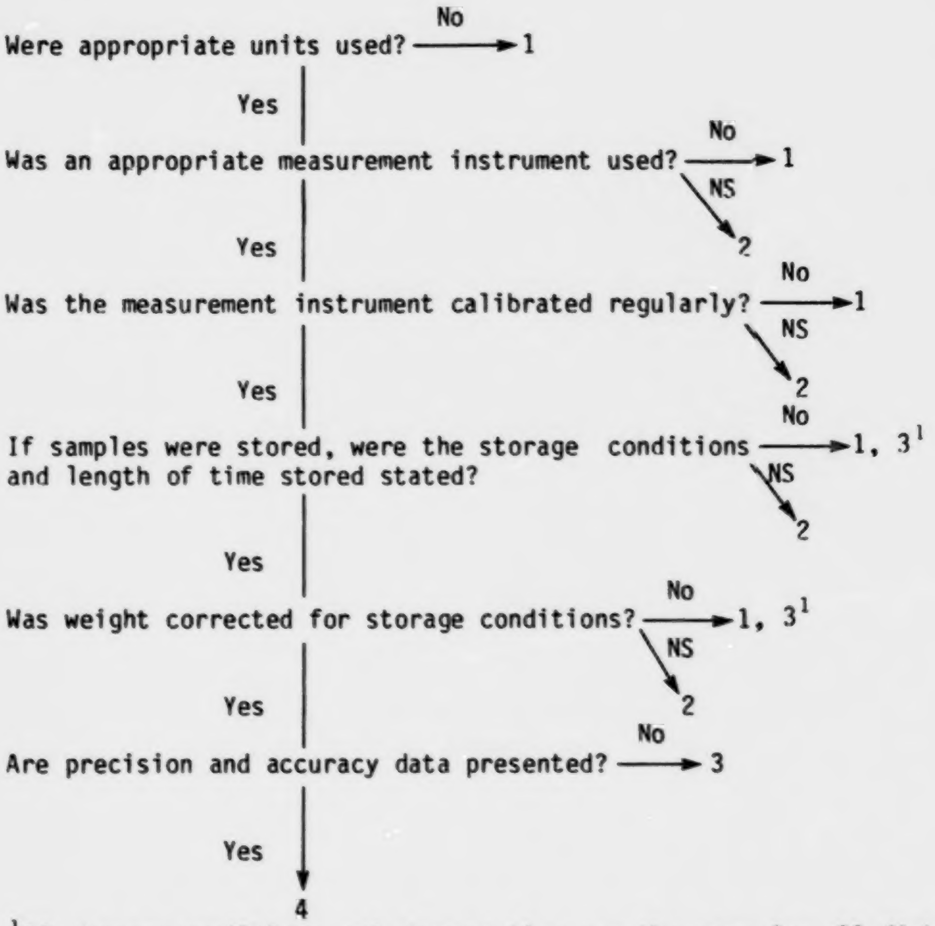
Length


Were appropriate units used?
No
1
Yes
Was an appropriate measurement instrument used?
No
1
NS
2
Yes
If samples were stored, were the storage conditions and length of time stored stated?
No
1
NS
2
Yes
Was length corrected for storage conditions?
No
1, 3[1]
NS
2
Yes
Is it specified which fish length was measured?
No
3
Yes
Is there an estimate of length precision?
No
3
Yes
4

---

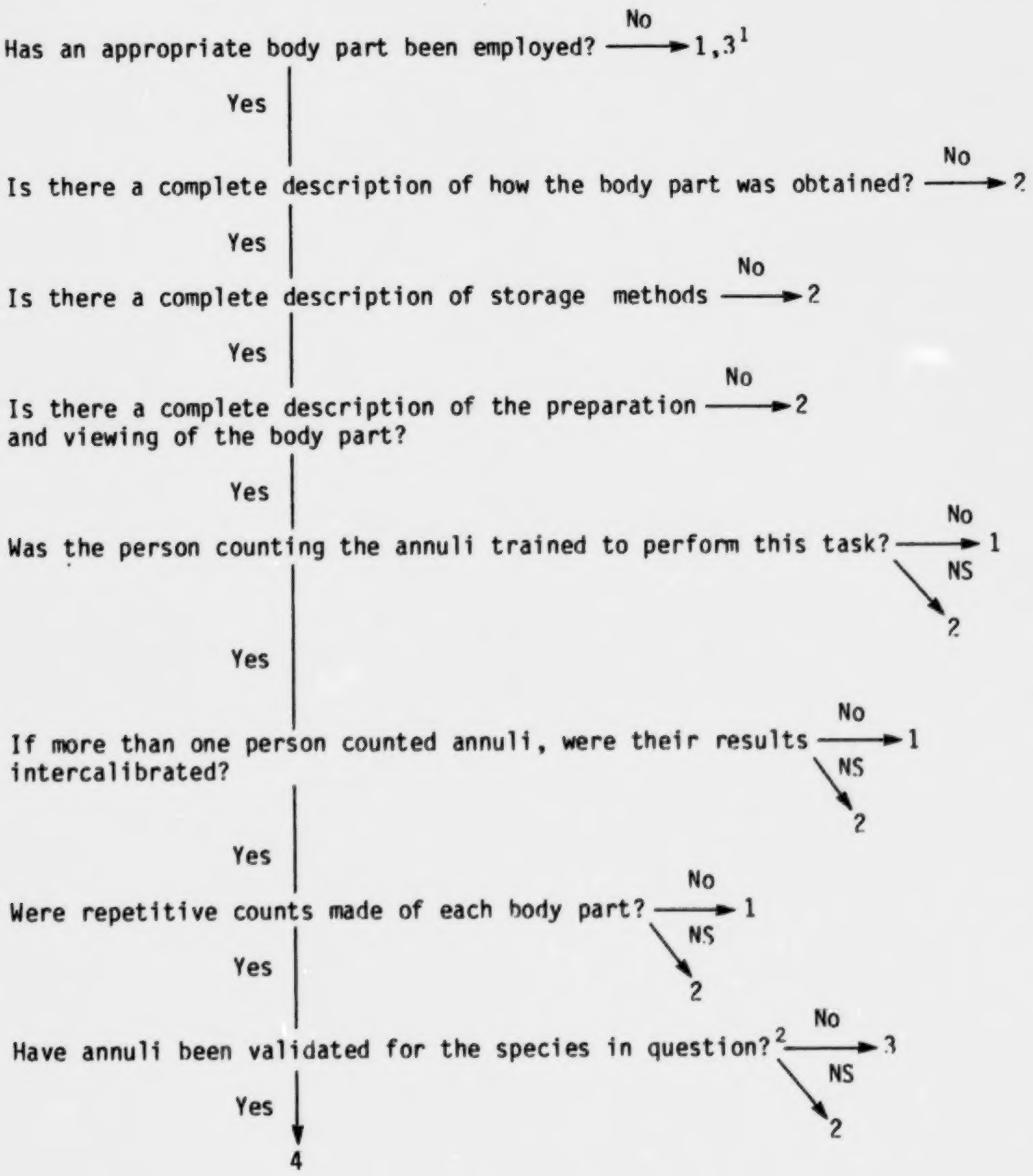
[1] If storage conditions and storage time are the same for all fish the data will be comparable within the data set.

Weight


Were appropriate units used?
No
1
Yes
Was an appropriate measurement instrument used?
No
1
NS
2
Yes
Was the measurement instrument calibrated regularly?
No
1
NS
2
Yes
If samples were stored, were the storage conditions and length of time stored stated?
No
1, 3[1]
NS
2
Yes
Was weight corrected for storage conditions?
No
1, 3[1]
NS
2
Yes
Are precision and accuracy data presented?
No
3
Yes
4

[1] If storage conditions and storage time are the same for all fish the data will be comparable within the data set.

Number of annuli

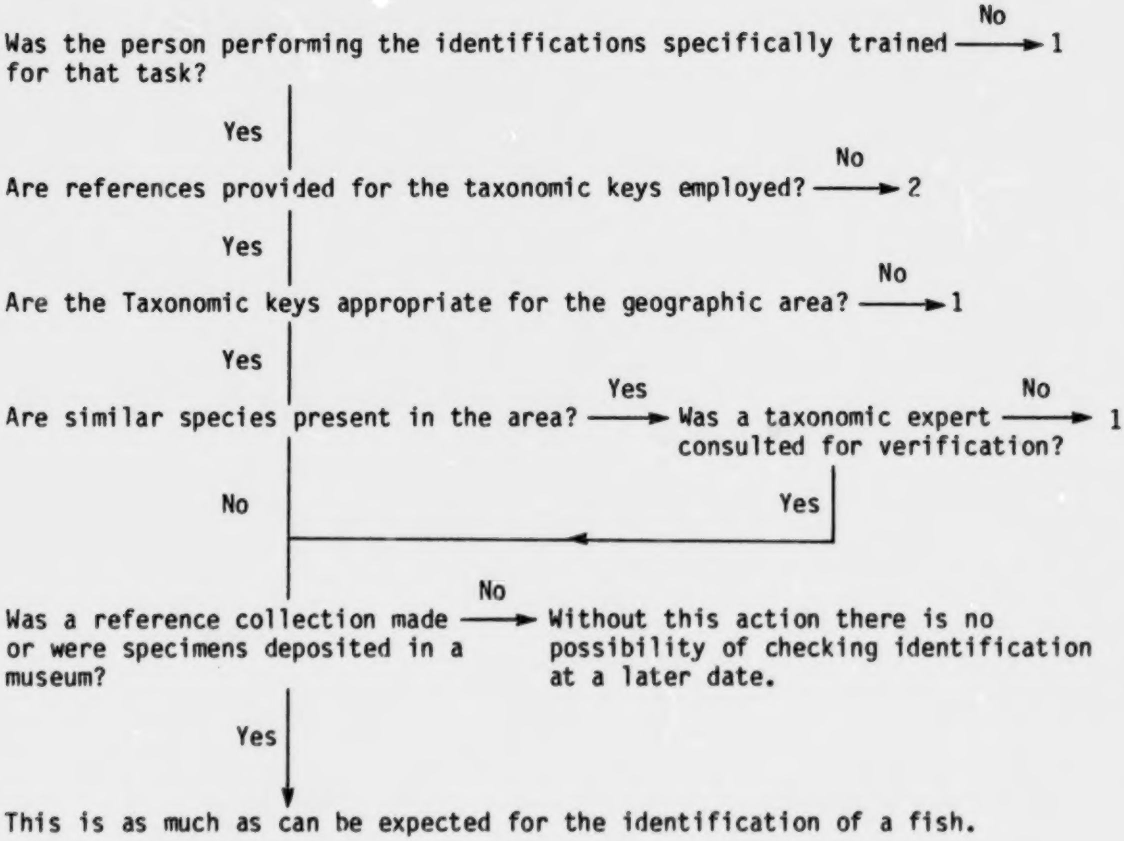

Has an appropriate body part been employed?
No
1,3[1]
Yes
Is there a complete description of how the body part was obtained?
No
2
Yes
Is there a complete description of storage methods
No
2
Yes
Is there a complete description of the preparation and viewing of the body part?
No
2
Yes
Was the person counting the annuli trained to perform this task?
No
1
NS
2
Yes
If more than one person counted annuli, were their results intercalibrated?
No
1
NS
2
Yes
Were repetitive counts made of each body part?
No
1
NS
2
Yes
Have annuli been validated for the species in question?[2]
No
3
NS
2
Yes
4

---

[1] a body part may be appropriate if the fish is young but not appropriate when the fish is older (eg scales).

[2] This step should be included for all fish species but has been done for very few. It is normally assumed that an "annulus" is, in fact, formed annually.

Identification



Was the person performing the identifications specifically trained for that task? No → 1

Yes

Are references provided for the taxonomic keys employed? No → 2

Yes

Are the Taxonomic keys appropriate for the geographic area? No → 1

Yes

Are similar species present in the area? Yes → Was a taxonomic expert consulted for verification? No → 1

No

Yes

Was a reference collection made or were specimens deposited in a museum? No → Without this action there is no possibility of checking identification at a later date.

Yes

This is as much as can be expected for the identification of a fish.

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Data set numbers (where applicable) are given in brackets, at the end of the reference.

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DATA TABLES

DATA TABLE 1: SUMMARY LISTING OF DATA SETS

Summary information on the data sets is given in this table. Descriptions of the information in each column is give below.

Data Set I.D.

A unique identification number has been given to each data set. This number is used whenever the data set is referred to in all of the tables. The first two digits of the I.D. number identify the year in which the data were collected. The last four digits are the identifier for a particular data set. Data sets collected in the 19th century are identified by the 18 subscript. Data sets are listed in chronological order.

Collecting Agency

This is the name of the agency responsible for collecting the data. If funding for the project was from another source, the name of the funding agency is given in brackets if this is known. Original agency names have been used. Known name changes are:

Current Name	Previous Names
Department of Fisheries and Oceans	Fisheries Branch 1915-30 Department of Fisheries 1930-68 Department of Fisheries and Forestry 1968-70 Fisheries and Marine Service 1970-76 Deptartment of Fisheries and Environment 1976-79
Indian and Northern Affairs Canada	Deptartment of Northern Affairs and National Resources Department of Indian Affairs and Northern Development
ESSO Resources Canada Ltd	Imperial Oil Co. Ltd

Collecting Period (Ship)

The dates given are as detailed as possible for the days that sampling was conducted. If general dates (such as a year or a month) are given, no more detailed dates are available.

Normally a data set covers a single year. The exceptions are the studies which were carried out by over more than one year by the same group, using the same methods and old data sets which do not indicate exact collection dates.

Because oceanographic work is often referred to by the name and date of a particular cruise, the name of the vessel used is included when this is known.

Area

Geographic location names are provided in this column. They are shown in Figure 2. More detailed information on sampling locations is given in Table 3.

Taxa Reported

The codes for the species caught are reported in this column. The list of species and their codes is in Table 1.

Biological Quantities Sampled or Measured

These are the measurements made on the fish caught or observed. The information is provided in the categories of measurement found in the "Summary of Measurements Made" section on page 10. Within each category the individual measurements are listed.

Concurrent Measurements

Concurrent measurements are those obtained on something other than fish. These could have been on physical or chemical parameters or on other biota. A list of concurrent measurement categories is given in Table 2.

Remarks

This column usually contains the purpose of the study and any other noteworthy information. For those items of information which occur frequently in the table, a series of numbered Notes has been employed. Explanations for the numbered notes are given in Appendix 1.

Of special note are data collected by the Arctic Biological Station (ABS). Information for Data Table 1 was obtained from a number of sources including Hunter and Leach (1983a, 1983b), National Museum of Canada records of specimens collected and deposited by ABS and other published and unpublished sources including ABS computer files.

Data Table 1

Northwest Passage

Data Table 1.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
18^{19}-0001	British Admiralty	(H.M.S. Hecla, H.M.S. Griper)	Viscount Melville Sound (Melville Is. - Winter Harbour)	Merlangus ________? Cottus quadricornis Cottus polaris Blennius polaris					The first voyage of W.E. Parry in search of a Northwest Passage. Fish specimens were also collected from Baffin Bay and Davis Strait as well as from freshwater.
18^{19}-0002	British Admiralty		Coronation Gulf; Bathurst Inlet	Clupea harengus Coregonus albus Coregonus artedi? Coregonus quadrilateralis Salmo groenlandicus Cottus hexacornis Pleuronectes glacialis Pleuronectes stellatus					First expedition of J. Franklin whose purpose was to explore the north coast from Coppermine eastwards. Fish specimens along the route from York Factory to Coppermine River were also described. Specimens were abandoned during overland journey from the coast.
18^{24}-0001	British Admiralty	(H.M.S. Hecla, H.M.S. Fury)	Prince Regent Inlet (Port Bowen)	Merlangus polaris (Leach) Ophidium viride Ophidium parrii Cottus quadricornis Cottus polaris? - also the remains of a flounder was found on the ice - identified as either: Pleuronectes glacialis (or possibly Pleuronectes stellatus, but unlikely)					The third voyage of W.E. Parry in search of a northwest passage.
18^{29}-0001	Privately outfitted by Felix Booth	(Victory)	Prince Regent Inlet (Batty Bay); Gulf of Boothia (Felix Hbr., Sheriff Hbr.); Spence Bay	Salmo rossii Gadus morhua Gadus callarias Merlangus polaris Blennius polaris Cottus quadricornis Cottus polaris Liparis communis Ophidium parrii					Privately funded expedition in search of a northwest passage. Under the command of Capt. J. Ross (second voyage). Fish specimens also described from the

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
18^{29}-0001 Cont'd			(Cape Isabella)						waters off Greenland and from freshwaters of Boothia Peninsula.
18^{50}-0002	Hudson's Bay Co.	Probably in 1851	Coronation Gulf; Bathurst Inlet	_Platessa glacialis_ _Platesa stellata_					Second expedition of Dr. John Rae, in search of the lost Franklin Expedition. Fish specimens were collected and furnished to Dr. J. Richardson who described them.
13-0001	Canadian Arctic Expedition (Government of Canada)	1914-1916	Dolphin and Union Str.; Coronation Gulf; Bathurst Inlet; Prince of Wales Str.	ARCS[1] BDWT[1] CHAR[1] LKTR[1] TDCD[1] POCD[1] ARCD[1] SFCD OGAC FHDR? SDEP? STSL[1] ASSC[1] THSC[1] FHSC[1] FHSC?[1] ARSC[1] SHSC[1] RBSC[1] KPSF[1] NSSB[1] STFL[1] OTHER[2]	Number: in gillnet in trawl in trap caught by handline caught by hand caught in bottom dredge in gut contents Identification Morphometrics: length, standard # of fin rays/spines # of gillrakers # of pyloric caeca length of various body parts Reproduction: testes, presence/ absence ovaries, µresence/ absence	Phytoplankton: Identification Zooplankton: Identification Zoobenthos: Identification Birds Mammals		Water Column: Water level currents?	Expedition under V. Stefansson (second expedition) backed by the Canadian Government for geographical and scientific discovery in the Western Arctic. Fish specimens were also collected/ described from Alaskan and Canadian waters of the Beaufort Sea and from freshwater. [1] Specimens stored at the National Museum of Canada, Ottawa. [2] _Artediellus_ sp. and _Myoxocephalus_ sp.
21-0001	Fifth Thule Expedition (Danish Expedition to North America)	1923-1924	King William Island; Simpson Strait; Kent Peninsula	CHAR ARCD SFCD OGAC NRSL? FHSC NSSB OTHER[1]	Identification Morphometrics: length # of fin rays	Mammals-Pinnipeds: Number Identification Cetaceans: Number Identification		Ice: Coverage Type Atmosphere: Wind speed Wind direction Precipitation	Object of expedition was archaeological, ethnological, and ethnographical research - zoological collections (crustaceans, insects, birds, mammals) and botanical collections were also made.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
21-0001 Cont'd						Morphometrics Age Reproduction Food Movements Behaviour		Atmospheric conditions	Fish data also collected from Hudson Bay and from freshwater. [1] Coregonus sp.
53-0014	National Museum of Canada (for Defense Research Board, Department of Northern Affairs and National Resources, and Arctic Institute of North America)	18-31 July; 1-2, 5-8, 15 August	McClure Str. (Banks Is.)	CHAR LKTR? OTHER[1]	Number: in gillnet Identification Morphometrics: weight Reproduction: testes, presence/absence ovaries, presence/absence			Water Column: Water level	Data also collected from freshwater. Gillnets were also set from 19-20 and from 22-26 July, 1952, but with no results. [1] Coregonids and cottids. The head of one whitefish later identified as LSCS by V. Walters.
53-0031	American Museum of Natural History	NS	Coronation Gulf (Coppermine River); Bathurst Inlet	LKWT BDWT CPLN SFCD BRBT NSSB ARFL STFL	Identification Morphometrics: length, standard # of fin rays/spines # of gill rakers # of vertebrae				Results of expedition, centering on Coronation Gulf, incorporated into a Ph.D. study by V. Walters on taxonomy and zoogeography of fishes of western Arctic America and eastern Arctic Siberia. Data also collected from freshwater (eg. Great Bear Lake, Great Slave Lake).
54-0033	McGill University, (for Banting Fund, Arctic Institute of North America, and National Research	24, 29-30 June; 2-3, 5, 12-27 July; 6-7, 27 August; 26 November	Coronation Gulf (Coppermine R. delta, Port Epworth); Bathurst Inlet; Dease Str.;	LKCS[2] LKWT BDWT RDWT CHAR LKTR CPLN NRPK LNSK	Number: in gillnet caught by bottom grab found dead in gut contents observed Identification Morphometrics:	Phytobenthos: Number Identification Zoobenthos: Number Identification		Atmosphere: Atmospheric conditions Ice: Coverage Type Thickness	Part of a set of data collected in Davis Strait, Baffin Bay, and Northwest Passage from 1953-1955, designed to determine distribution, ecology, and general biology of arctic fishes.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
54-0033 Cont'd	Council)		(Cambridge Bay); Boothia Peninsula (Spence Bay); (Admiralty Inlet; Gulf of Boothia (Bernier Bay)	SFCD OGAC BRBT ASSC FHSC SHSC NSSB ARFL STFL OTHER[3]	length Reproduction: testes, presence/ absence ovaries, presence/ absence ovaries, relative developmental stage Food: gut contents, identification	Birds: Number Identification Mammals-Pinnipeds: Number Identification Morphometrics Age Reproduction Food Behaviour Ice-Associated Mammals: Number Identification Age Behaviour		Water Column: Temperature Salinity Depth Sediment: Particle size	[1] Dates refer to days when specimens were collected and preserved. [2] May have come from freshwater. [3] *Coregonus* sp.
55-0040	McGill University, (for Banting Fund, Arctic Institute of North America, and National Research Council)	March	Admiralty Inlet	SMLF?	Number: found dead Identification Morphometrics: length				See 54-0037
57-0044	Fisheries Research Board (Arctic Unit)	21-30 June; 1-31 July; 1-6, 16-31 August; 1-17 September	Coronation Gulf (Coppermine River)	SFCD[1] STFL[1]	Number: in gillnet in seine haul caught by hand caught by plankton net in bottom dredge obtained by explosives Identification	Zooplankton: Number Identification Zoobenthos: Number Identification			Part of a series of fisheries investigations undertaken from 1947-1979. Data was also collected from the Beaufort Sea and from freshwater. [1] From National Museum of Canada records.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
58-0044	National Museum of Canada, Canadian Wildlife Service, and Arctic Institute of North America	8-31 July; 1-31 August; 1-9 September	Prince of Wales Island (Inner Browne Bay, Young Bay, Guillemard Bay, Smith Bay, Scott Bay)	CHAR SDEP	Number: in gillnet Identification Morphometrics: length, fork Age: # of annuli, scale # of annuli, otolith	Birds: Number Identification Morphometrics Age Reproduction Food Parasites Movements Behaviour Mammals-Cetaceans: Number Identification Food Pinnipeds: Number Identification Reproduction Ice-associated Mammals: Number Identification Morphometrics Age Reproduction Food Movements Behaviour		Atmosphere: Wind speed Wind direction Precipitation Atmospheric conditions Ice: Coverage Type	Study represents a biological investigation of Prince of Wales Island under the auspices of the NMC. Fishes were captured for human consumption and for dog food, but some biological measurements were made. Data also collected from freshwater.
60-0068	Department of Northern Affairs and National Resources	a) 8 August-mid-September b) 24 August-11 September	a) Cambridge Bay (Greiner R.) b) Wellington Bay (Ekalluk R.)	CHAR	Number: in commercial fishery in domestic fishery Identification Morphometrics: weight				Experimental fishery to secure food for relief issue and for use at local transient centre.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
61-0080	Fisheries Research Board (Arctic Unit)	12-20 August	Dease Str. (Cambridge Bay)	LSCS[1] TDCD[1] SFCD[2] OGAC[1] FHSC[1]	Number: in gillnet Identification Morphometrics: length, fork Reproduction: testes, presence/absence ovaries, presence/absence Food: gut contents, identification				See 57-0044 Data also collected from the Beaufort Sea, Hudson Bay - Foxe Basin, and from freshwater. [1]From National Museum of Canada records. [2]From Arctic Biological Station computer records.
61-0081	Ekaloktotiak Cooperative; Department of Northern Affairs and National Resources	18 July - 29 August	Cambridge Bay (Greiner R.)	CHAR	Number: in commercial fishery Identification Morphometrics: weight				Commercial fishery operated by the Ekaloktotiak Cooperative at Cambridge Bay.
62-0005	Fisheries Research Board (Arctic Unit)	3-30 June; 1-31 July; 1-31 August; 1-29 September	Barrow Str. (Cornwallis Is.); McClure Str. (Banks Is.); Prince of Wales Str.; Prince Regent Inlet (Creswell Bay); Dease Str. (Cambridge Bay area)	CHAR[1] POCD[1] ARCD[1] SFCD[1] OGAC[1] FHDR[1] SDEP[1] PAEP[1] PREP[1] RHKR[1] ASSC[1] THSC[1] STSC[1] FHSC[1] ARSC[1,2] SHSC[1] BESC[1] RBSC[1] ARAF[1] ASLS[1] BTSF[1] BTSF?[1] GLSF[1] KPSF[1] OTHER[2]	Number: in gillnet in seine haul in trawl killed by poison caught on rod & line caught by hand in bottom dredge caught by plankton net caught by bottom grab Identification Morphometrics: length, total length, fork weight Age[4] Reproduction: testes, presence/absence testes, relative developmental stage testes, size ovaries, presence/absence ovaries, relative	Zooplankton: Number Identification Zoobenthos: Number Identification	Water Column: Dissolved oxygen	Water Column: Temperature Salinity Transparency (secchi)	See 57-0044 Data also collected from the Beaufort Sea, Queen Elizabeth Islands, and from freshwater. [1]From National Museum of Canada records. [2]From Arctic Biological Station computer records. [3]*Lycodes* sp. and *Triglops* sp. [4]Otoliths taken from ARSC, but none aged.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
62-0005 Cont'd					developmental stage egg diameter Food: gut contents, identification Parasitology: presence/absence by organ				
62-0070	Ekaloktotiak Cooperative	28 August - 12 September	Wellington Bay (Ekalluk R.)	CHAR	Number: in commercial fishery Identification Morphometrics: weight				See 61-0081 Fishing also occurred in freshwater (Ferguson Lake).
63-0058	Ekaloktotiak Cooperative	23 August - 10 September	Wellington Bay (Ekalluk R.; Halovik R.); Dease Str. (Lauchlan R.)	CHAR	Number: in commercial fishery Identification Morphometrics: weight				See 61-0081 Fishery also operated at Ferguson Lake.
64-0001	Fisheries Research Board (Arctic Biological Station)	20, 26, 28-30 August; 1-3, 6-7 September (M.V. *Salvelinus*)	Coronation Gulf; Dease Str. (Cambridge Bay)	TDCD^{1,2} POCD^{1,2} ARCD^{1} OGAC^{2} FHDR^{1} PAEP^{1} ASSC^{1} THSC?^{1} STSC^{1} FHSC^{1} SHSC^{1} RBSC^{1} ARAF^{1} ASLS^{1}	Number: in gillnet in trawl caught on rod & line caught on longline caught by jig caught by plankton net Identification Morphometrics: length, total length, fork weight Age: # of annuli, scale # of annuli, otolith Reproduction: testes, presence/absence testes, relative developmental stage testes, weight ovaries, presence/absence ovaries, relative	Zooplankton: Number Identification		Water Column: Temperature Salinity	See 57-0044 Data also collected from the Beaufort Sea. [1] From National Museum of Canada records. [2] From Arctic Biological Station computer records.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
64-0001 Cont'd					developmental stage ovaries, weight egg diameter Food: gut contents, identification Parasitology: presence/absence by organ				
64-0055	Ekaloktotiak Cooperative	10-28 July	Wellington Bay (Ekalluk R.)	CHAR	Number: in commercial fishery Identification Morphometrics: weight				See 61-0081 Fishery also operated at Ferguson Lake. A domestic fishery also operated at Wellington Bay.
65-0002	Fisheries Research Board (Arctic Biological Station)	3, 25, 29-30 July; 4, 6, 10-11, 13-19, 22-23, 25-27, 30 August; 1, 5, 6, 9 September (M.V. Salvelinus)	Coronation Gulf; Dease Str.; Bathurst Inlet; Melville Sd.	PCHR[2] ARCS[2] LKWT[2] BDWT[2] TOCD[2] POCD[1,2] ARCD[1] SFCD[2] OGAC[2] FHDR[1] SDEP[1] PAEP[1] PREP[1] FLSB[1] DBSH[1] SLEB[1] BDGL[1] ASSC[1] THSC[1] STSC[1] SHSC[1] RBSC[1] ARAF[1] SMLS?[1] ASLS[1] GLSF[1] BRFL[1] ARFL[2] STFL[2]	Number: in gillnet in seine haul in trawl caught on longline caught by handline caught by jig Identification Morphometrics: length, total length, fork weight Age:[3] # of annuli, otolith Reproduction: testes, presence/absence testes, relative developmental stage testes, size testes, weight ovaries, presence/absence ovaries, relative developmental stage ovaries, weight egg diameter Food: gut contents, identification Parasitology:		Water Column: Dissolved oxygen	Water Column: Temperature Salinity Transparency (secchi)	See 57-0044 [1]From National Museum of Canada records. [2]From Arctic Biological Station computer records. [3]Scale samples also taken, but not aged.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
65-0002 Cont'd					presence/absence by organ				
65-0061	Ekaloktotiak Cooperative	15 August - 4 September	Wellington Bay (Ekalluk R.)	CHAR	Identification Morphometrics: weight				See 61-0081 Fishery also operated at Ferguson Lake.
66-0005	Fisheries Research Board (Arctic Biological Station)	20-21, 24, 28 July; 3-7, 11-12, 14, 16-17, 19, 23-25 August (M.V. Salvelinus)	Dease Str., (Cambridge Bay, Wellington Bay)	POCD[1] ARCD[1] AUPT? FHDR[1] ELPT?[1] PAEP[1] PREP[1] PREP?[1] AREP[1] TSEP[1] STEB[1] FLSB[1] DBSH[1,2] ASSC[1,2] THSC[1] STSC[1,2] STSC?[1] BESC[1] RBSC[1,2] ARAF[1,2] ATPH[1] LFLS[1] ASLS[1] BTSF?[1] GLSF[1] GLSF?[1] KPSF[1] OTHER[1,3]	Number: in gillnet in trawl caught by bottom grab Identification Morphometrics: length, total length standard weight Reproduction: testes, presence/absence ovaries, presence/absence egg diameter Food: gut contents, identification Parasitology: presence/absence, by organ	Zoobenthos: Number Identification	Water Column: Dissolved oxygen	Water Column: Temperature Salinity Transparency (secchi)	See 57-0044 [1] From National Museum of Canada records. [2] From Arctic Biological Station computer records. [3] *Gymnelus hemifasciatus*, *Arctogadus* sp., *Lycodes* sp., *Icelus* sp., and *Liparis* sp.
66-0061	Ekaloktotiak Cooperative	19 August - 9 September	Wellington Bay (Ekalluk R.)	CHAR	Number: in commercial fishery Identification Morphometrics: weight				See 61-0081 Fishery also operated at Ferguson Lake.
67-0001	Fisheries Research Board (Arctic Biological	21-23 June; 25-30 July; 1, 4, 18-20, 22, 24, 26, 27 August; 1,	Dease Str. (Cambridge Bay)	TDCD[1,2] POCD[1,2] ARCD[1] OGAC[2] FHDR[1,2]	Number: in gillnet in trawl caught on rod & line caught by hand line	Zoobenthos: Number Identification	Water Column: Dissolved oxygen	Water Column: Temperature Salinity	See 57-0044 Data also collected from Davis Str. (Port Burwell) and from

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
67-0001 Cont'd	Station)	7, 23 September (M.V. *Salvelinus*)		ELPT?^{1} PAEP^{1,2} PAEP?^{1} PREP^{1,2} PREP?^{1} TSEP^{1,2} STEB^{1,2} FLSB^{1,2} DBSH^{1,2} SLEB^1 RHKR^1 ASSC^{1,2} THSC^{1,2} THSC?^{1} STSC^{1,2} SHSC^{1,2} BESC^1 RBSC^{1,2} ARAF^{1,2} ATPH^{1,2} ASLS^2 GLSF^{1,2} OTHER^{1,3}	caught by jig in bottom dredge caught by bottom grab Identification Morphometrics: length, total length, fork weight Age: # of annuli, scale # of annuli, otolith # of annuli, operculum Reproduction: testes, presence/absence testes, relative developmental stage testes, size testes, weight ovaries, presence/absence ovaries, relative developmental stage ovaries, weight egg diameter Food: gut contents, identification Parasitology: presence/absence by organ				freshwater (Kellet, Kugardjuk and Arrowsmith rivers, Pelly Bay). ^{1}From National Museum of Canada records. ^{2}From Arctic Biological Station computer records. ^{3}*Lycodes* sp. and *Liparis* sp.
67-0046	Ekaloktotiak Cooperative	26 August - 12 September	Wellington Bay (Ekalluk R.)	CHAR	Number: in commercial fishery Identification Morphometrics: weight				See 61-0081 Summer test fishing also conducted in freshwater on (Ferguson L., Ekalluk L., Kitiga L., and Greiner L.) and at mouth of Greiner R.
68-0067	Ekaloktotiak Cooperative	20 July - 12 September	Wellington Bay (Ekalluk R., Halovik R., Paliryuak R.)	CHAR	Number: in commercial fishery Identification Morphometrics: weight				See 61-0081 Commercial fishery also conducted in freshwater.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
68-0068	Fisheries Research Board (Arctic Biological Station)	30-31 July; 1, 6-8, 12-14, 20 August; 1, 4 September (M.V. Salvelinus)	Dease Str.; Bathurst Inlet	TDCD[2] POCD[1,2] ARCD[1] AUPT[1] FHDR[2] PAEP[1,2] PREP[1,2] TSEP[1,2] FLSB[2] DBSH[1] ASSC[1,2] THSC[1,2] STSC[1,2] SHSC[1,2] ARSC[2] BESC[1] RBSC[1,2] ARAF[1,2] ATPH[1,2] ASLS[2] GLSF[1,2]	Number: in gillnet in seine haul in trawl caught by plankton net caught by bottom grab Identification Morphometrics: length, total length, fork weight Age: # of annuli, otolith Reproduction: testes, presence/absence testes, relative developmental stage testes, size testes, weight ovaries, presence/absence ovaries, relative developmental stage ovaries, weight egg diameter Food: gut contents, identification	Zooplankton: Number Identification Zoobenthos: Number Identification	Water Column: Dissolved oxygen	Water Column: Temperature Salinity Transparency (secchi)	See 57-0044 [1] From National Museum of Canada records. [2] From Arctic Biological Station computer records.
69-0067	Ekaloktotiak Cooperative	1 August - 15 September	Wellington Bay (Ekalluk R., Halovik R.)	CHAR	Number: in commercial fishery Identification Morphometrics: weight				See 61-0081
69-0068	Fisheries Research Board (Arctic Biological Station)	1-8 July; 9, 10, 14, 23-26, 30, 31 August; 1, 6, 7 September (M.V. Salvelinus)	Melville Sd.; Bathurst Inlet; Dease Str.; Victoria Str. (Albert Edward Bay)	ARCS[2] POCD[1] ARCD[1] SFCD[1,2] OGAC[1] FHDR[1,2] SDEP[1] PAEP[1,2] PREP[1,2] TSEP[1,2] BRWF[4] STEB[1,2]	Number: in gillnet in trawl in bottom dredge caught by plankton net caught by bottom grab Identification Morphometrics: length, total length, standard	Zooplankton: Number Identification Zoobenthos: Number Identification		Water Column: Temperature Salinity	See 57-0044 [1] From National Museum of Canada records. [2] From Arctic Biological Station computer records. [3] Lycodes sp. and Icelus sp.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
69-0068 Cont'd				FLSR[1,2] DBSH[1] SLEB[1] ARSH[1] RHKR[1] ASSC[1,2] THSC[1,2] STSC[1,2] SHSC[1,2] RBSC[1,2] ARAF[1,2] ATPH[1,2] ASLS[1,2] GLSF[1,2] NSSB[1] OTHER[1,3]	length, fork weight Age: # of annuli, otolith Reproduction: testes, presence/ absence testes, relative developmental stage testes, size testes, weight ovaries, presence/ absence ovaries, relative developmental stage ovaries, weight egg diameter Food: gut contents, identification Parasitology: presence/absence by organ				[4] Reported in Hunter (MS).
70-0014	Fisheries Research Board (Arctic Biological Station)	13-14; 20-21 August (M.V. Salvelinus)	Dease Str.	TDCD[2] POCD[2] FHDR[2] SDEP[2] PAEP[2] PREP[2] TSEP[2] STEB[2] NRSL[2] ASSC[2] THSC[2] STSC[2] FHSC[1] SHSC[1] RBSC[2] ARAF[2] GLSF[2] OTHER[1,3]	Number: in trawl caught by spear? in bottom grab Identification Morphometrics: length, total length, fork weight Age: # of annuli, otolith Reproduction: testes, presence/ absence testes, relative developmental stage testes, weight ovaries, presence/ absence ovaries, relative developmental stage ovaries, weight egg diameter Food: gut contents, identification	Zoobenthos: Number Identification		Water Column: Temperature	See 57-0044 Data also collected from the Beaufort Sea and Davis Str. [1] From National Museum of Canada records. [2] From Arctic Biological Station computer records. [3] *Ammodytes* sp.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
70-0068	Ekaloktotiak Cooperative	28 July - 12 September	Dease Str. (Lauchlan R.); Wellington Bay (Paliryuak R., Halovik R.)	CHAR	Number: in commercial fishery Identification Morphometrics: weight				See 61-0081 Commercial winter fishery also conducted in freshwater.
70-0070	James Allister MacInnis Foundation, Arctic Diving Expeditions	26-31 August; 1 September	Barrow Str. (Resolute Bay, Allen Bay)	ARCD FHDR RBEP ASSC FHSC SHSC DSSF ATSF OTHER[1]	Number: in gillnet killed by poison caught by hand Identification Reproduction: testes, presence/absence Behaviour[2]	Zooplankton: Identification Phytobenthos: Identification Zoobenthos: Identification Epontics: Identification			Investigation of the Arctic marine ecology during summer by SCUBA divers. See 71-0108 72-0116 74-0124 [1] *Lycodes* sp. and *Gymnelus* sp. [2] Qualitative data on habitat associations.
71-0108	James Allister MacInnis Foundation, Arctic Diving Expeditions	14-17 February	Barrow Str. (Resolute Bay).	ATSF OTHER[1]	Number: # caught by hand Identification	Zooplankton: Identification Phytobenthos: Identification Zoobenthos: Identification Epontics: Identification			Investigation of the Arctic marine ecology during winter by SCUBA divers. See 70-0070 72-0116 74-0124 [1] Zoarcids and cottids
71-0109	Fisheries Research Board (Freshwater Institute)	17-29 August (1971); 21-25, 28-31 July; 1-17, 21-23 August; 9-23 October (1972); 10	Pelly Bay (Arrowsmith R., Becher R., Kellet R., Kugajuk R., Sports R.)	CHAR	Number: in gillnet caught by rod & line in commercial fishery Identification Morphometrics: length, fork				Test fishery. Some samples also taken from upstream areas with seines and minnow traps.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
71-0109 Cont'd		October (1973)			weight Age: # of annuli, otolith Reproduction: testes, presence/ absence ovaries, presence/ absence Movements: # tagged # recaptured[1]				[1]Recaptures obtained from 1972-1974.
71-0110	Fisheries Research Board (Freshwater Institute)	mid-July to early August	Dease Str. (Lauchlin R.); Wellington Bay (Halovik R.); Queen Maud Gulf (Ellice R.)	CHAR OTHER[1]	Identification Morphometrics: length, fork weight Age: # of annuli, otolith Reproduction[2]				Monitoring of commercial fishery for CHAR in the Cambridge Bay area. See 61-0081 [1]LKWT, BDWT, and LKTR captured incidentally. [2]Data on sex and maturity collected but not included in report.
72-0016	Canadian Wildlife Service	June	Barrow Strait (Resolute Bay)	CHAR	Number: caught on rod & line Identification		Biota: Hydrocarbons		PCB residue levels were examined as part of long term research on toxic chemicals in polar bear tissue by International Union for the Conservation of Nature and Natural Resources.
72-0113	Fisheries Research Board (Freshwater Institute)	mid-July to early August; mid-August to first week in September	Dease Str. (Lauchlan R.); Wellington Bay (Halovik R., Ekalluk R.); Queen Maud Gulf (Ellice R., Dease Pt.)	CHAR OTHER[1]	Number: in gillnet in commercial fishery Identification Morphometrics: length, fork weight Age: # of annuli, otolith Reproduction[2]				See 71-0110 See 61-0081 Fishery also operated in freshwater. [1]LKWT, BDWT, and LKTR captured incidentally. [2]Data on sex and matu-

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
72-0113 Cont'd									rity collected but not included in report.
72-0114	Char Lake Project	June	Barrow Str. (Resolute Bay)	FHDR SDEP AREP ASSC STSC FHSC RBSC KPSF OTHER[1]	Number: # caught by hand # observed Identification Morphometrics: length, total weight Age: # of annuli, otolith Food: gut contents, identification Other: production	Phytoplankton: Other-production Zooplankton: Number Identification Other-production Zoobenthos: Number Identification Reproduction Other-production Epontics: Other-production	Water: Chlorophyll		Examination of marine metabolism in an arctic environment. [1]Refers to observed zoarcids, cottids, and liparids.
72-0115	University of Toronto	July, August	Barrow Strait (Resolute Bay)	ARCD FHDR SDEP RBEP SFKR ASSC THSC STSC SHSC ATSF GLSF	Number: caught on rod & line caught by hand Identification Morphometrics: length weight Other: physiology (O_2 uptake)				Investigation of metabolic cold adaptation of polar fishes.
72-0116	James Allister MacInnis Foundation, Arctic Diving Expeditions	14-22 December	Barrow Strait (Resolute Bay)	ARCD FHDR SDEP PREP ASSC THSC STSC RBSC BTSF GLSF	Number: in trap caught by hand Identification Food:[1] gut contents, number of individuals gut contents, identification Behaviour:	Zooplankton: Number Identification Phytobenthos: Identification Zoobenthos:		Ice: Thickness Water Column: Temperature	Investigation of the Arctic marine ecology under 100% cover of ice by SCUBA divers. See 70-0070 71-0108 74-0124

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements Biological	Concurrent Measurements Chemical	Concurrent Measurements Physical	Remarks
72-0116 Cont'd				NSSB	substrate associations	Number Identification			
73-0129	Fisheries Research Board (Freshwater Institute)	mid-July to early August	Dease Str. (Lauchlan R.); Wellington Bay (Halovik R., Ekalluk R.); Queen Maud Gulf (Ellice R.)	CHAR OTHER[1]	Identification Morphometrics: length, fork weight Age: # of annuli, otolith Reproduction[2]				See 71-0110 See 61-0081 [1] LKWT, BDWT and LKTR captured incidentally. [2] Data on sex and maturity collected but not included in report.
73-0130	National Museum of Canada	12-13 August	Queen Maud Gulf; Dease Strait	FHSC ARSC SHSC	Identification				Specimens collected by R. Lee, National Museum of Canada.
74-0015	B.C. Research (for Strathcona Mineral Services Ltd.)	August	Strathcona Sound	GRSH ARCD FHDR ASSC SHSC BESC LFLS	Number: caught on longline caught by jig in bottom dredge Identification Morphometrics: length weight Food[1]	Zooplankton: Identification Zoobenthos: Number Identification Phytobenthos: Identification Birds: Number Identification Mammals-Cetaceans: Identification Pinnipeds: Identification	Water: Metals Dissolved oxygen Other - pH Sediment: Metals Biota: Metals	Atmosphere: Wind speed Wind direction Water: Temperature Salinity Conductivity Current direction Transparency (secchi) Water level	Oceanographic and biological survey of Strathcona Sound prior to operation of a zinc-lead mine. Metal levels also examined in lakes and streams connected to the sound. See 75-0031 [1] Food - stomach samples preserved, but no data given.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
74-0026	Fisheries & Marine Service (Freshwater Institute)	3-31 August; 1-3 September	Strathcona Sound	ARCD FHDR SDEP ASSC STSC FHSC ARSC SHSC RBSC ARAF OTHER[1]	Number: in gillnet in trap in seine haul caught on longline Identification Morphometrics: length, total weight # of pyloric caeca # of fin rays Age: # of annuli, otolith # of annuli, spine Reproduction: testes, presence/absence testes, relative developmental stage ovaries, presence/absence ovaries, relative developmental stage egg diameter Food: gut contents, % full gut contents, identification Parasitology: presence/absence	Zoobenthos: Identification Mammals-Cetaceans: Identification Morphometrics Pinnipeds: Identification Morphometrics	Water Column: Metals Dissolved oxygen Dissolved solids Sediment: Metals Biota: Metals	Water Column: Temperature Salinity Conductivity Transparency (secchi)	Environmental investigation of Strathcona Sound in connection with the development of a lead-zinc mine on the south shore of the sound. Data also collected from freshwater. [1]Cottidae See 75-0030 76-0012 79-0024 81-0104 84-0038
74-0122	Fisheries & Marine Service (Freshwater Institute)	mid-July to early August; mid-August to first week in September	Dease Str. (Lauchlan R.); Wellington Bay (Ekalluk R.); Queen Maud Gulf (Ellice R., Dease Pt.)	CHAR OTHER[1]	Identification Morphometrics: length, fork weight Age: # of annuli, otolith Reproduction[2]				See 71-0110 See 61-0081 [1]LKWT, BDWT, and LKTR captured incidentally. [2]Data on sex and maturity collected but not included in report.
74-0123	National Museum of Canada	3, 6-9, 11 August	Gulf of Boothia; James Ross Strait; Simpson Str.; Rasmussen	ARCS CHAR ARCD OGAC FHDR ELPT FHSC	Identification				Specimens collected by D.E. McAllister, National Museum of Canada [1]*Arctogadus* sp.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
74-0123 Cont'd			Basin; Queen Maud Gulf	SHSC OTHER^1					
74-0124	James Allister MacInnis Foundation, Arctic Diving Expeditions	1-8 June	Barrow Strait (Resolute Bay)	ARCD FHDR SDEP PREP ASSC THSC STSC RBSC BTSF GLSF	Number: caught by hand Identification Food: gut contents, numbers of individuals gut contents, identification Behaviour: substrate associations	Zooplankton: Number Identification Phytobenthos: Identification Zoobenthos: Number Identification		Ice: Thickness Water Column: Temperature	Investigation of the Arctic marine ecology under 100% ice cover by SCUBA divers. See 70-0070 71-0108 72-0116
75-0013	LGL Ltd. (for Polar Gas Project)	30-31 July; 1-5, 8-13, 19, 25 August	Prince Regent Inlet (Creswell Bay); Barrow Strait (Assistance Bay)	CHAR ARCD FHDR ASSC FHSC ARSC SHSC OTHER^1	Number: in gillnet caught on rod & reel caught by plankton net found dead Identification Morphometrics: length, total length, fork weight Age: # of annuli, otolith Reproduction: testes, presence/absence testes, relative developmental stage ovaries, presence/absence ovaries, relative developmental stage egg diameter egg number Food: gut contents, number of individuals gut contents, identification	Phytoplankton Number Identification Zooplankton: Number Identification Zoobenthos: Number Identification Phytobenthos: Identification	Water Column: Nutrients Chlorophyll	Water Column: Temperature Salinity Depth	Study provides information on nearshore marine environment at Creswell Bay (possible pipeline staging area) and at Assistance Bay (proposed pipeline channel crossing area). [1] *Myoxocephalus* sp. and *Liparis* sp.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements: Biological	Concurrent Measurements: Chemical	Concurrent Measurements: Physical	Remarks
75-0030	Fisheries & Marine Service (Freshwater Institute)	21-29 July: 13-17 August	Strathcona Sound	FHSC ARSC SHSC OTHER[1]	Number: in gillnet caught on longline Identification Morphometrics: length, total weight Age: # of annuli, otolith # of annuli, dorsal spine # of annuli, preopercular spine Reproduction: tests, presence/absence testes, relative developmental stage ovaries, presence/absence ovaries, relative developmental stage Food: gut contents, identification Parasitology: presence/absence by organ	Zoobenthos: Identification Mammals-Cetaceans: Morphometrics Pinnipeds: Morphometrics	Water Column: Metals Nutrients Dissolved oxygen Major elements Other-pH Sediment: Metals Biota: Metals	Water Column: Temperature Conductivity Transparency (secchi	Environmental investigation of Strathcona Sound in connection with the development of a lead-zinc mine on the south shore of the sound. [1]Hybrid of SHSC x FHSC and other cottids. See 74-0026 76-0012 79-0024 81-0104 84-0038
75-0031	B.C. Research (for Strathcona Mineral Services Ltd.)	August	Strathcona Sound	ARCD[1] AUPT FHDR PAEP PREP AREP DBSH ASSC THSC STSC ARSC SHSC RESC ATPH ASLS STPL GLSF OTHER[2]	Number: in trawl Identification Morphometrics: Length Food: gut contents, identification	Zooplankton: Identification Zoobenthos: Identification Phytobenthos: Identification	Water Column: Dissolved oxygen Other-pH Suspended particulates: suspended particulate matter Biota: Metals	Water Column: Salinity	See 74-0015 [1]ARCD only species referred to in report. Other species preserved and deposited at National Museum of Canada. [2]*Icelus* sp. and *Liparis* sp.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
75-0139	National Museum of Canada	13, 14, 16, 17 August	Gulf of Boothia; James Ross Str.; Prince Regent Inlet; Victoria Str.	FHDR ASSC THSC FHSC ASLS DSSF	Identification				Specimens collected by R. Lee, National Museum of Canada. Data also collected from the Queen Elizabeth Islands.
75-0140	Fisheries & Marine Service (Freshwater Institute)	mid-August to early September	Wellington Bay (Ekalluk R.); Queen Maud Gulf (Ellice R.); Albert Edward Bay (Jayco R.)	CHAR OTHER[1]	Identification Morphometrics: weight				See 71-0110 See 61-0081 [1] LKWT, BDWT, and LKTR captured incidentally.
75-0142	Canadian Wildlife Service	July-August	Barrow Strait (Prince Leopold Is.)	ARCD BESC SMLF? GLSF	Identification	Birds: Number Identification Reproduction Food Behaviour			Study of seabird ecology at Prince Leopold Island. Information from National Museum of Canada records and from Nettleship (1977).
75-0143	Fisheries & Marine Service (Freshwater Institute)	1, 17-18 August	Melville Sound	PCHR ARCS BDWT LSCS CHAR SFCD OGAC ASSC FHSC SHSC BRFL LHDB ARFL STFL	Number: in gillnet Identification Morphometrics: length, fork weight Age: # of annuli, otolith Reproduction: testes, presence/absence testes, relative developmental stage ovaries, presence/absence ovaries, relative developmental stage				Primary purpose was to study anadromous charr on Kent Peninsula; majority of the sampling was in freshwater.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
75-0143 Cont'd					Food: gut contents, identification				
76-0008	LGL Ltd. (for Norlands Petroleum Ltd.)	22-24, 26-28 July; 3-8, 11, 17-22, 27-29, 31 August; 1, 7, 8, 11-13 September	Lancaster Sound	ARCD[1] OTHER[2]	Number: caught by plankton net Identification Morphometrics: length, total weight	Phytoplankton Number Identification Zooplankton: Number Identification Morphometrics	Water Column: Hydrocarbons (tar) Chlorophyll Dissolved oxygen.	Water Column: Temperature Salinity Illuminance	Examination of phytoplankton and zooplankton distribution and abundance in Lancaster Sound and associated physical and chemical characteristics of the system during the summer. [1] Probably includes some Arctogadus as well (Sekerak 1982). [2] Includes YOY cottids and cyclopterids.
76-0010	LGL Ltd. (for Polar Gas Project)	8, 13-14, 19, 21-23, 25, 30 June; 3-6 July	Barrow Strait (Wellington Channel and Resolute Bay)	ARCD FHDR PREP RHKR KPSF	Number: in gillnet in trawl caught by plankton net caught by jig Identification Morphometrics: length, total length, fork weight Age: # of annuli, otolith Reproduction: testes, presence/absence testes, relative developmental stage ovaries, presence/absence ovaries, relative developmental stage Food: gut contents, weight gut contents, number of individuals gut contents, identification	Phytoplankton: Number Identification Zooplankton: Number Identification Morphometrics Zoobenthos: Number Identification Birds: Identification Morphometrics Reproduction Food Behaviour	Water Column: Nutrients Chlorophyll	Water Column: Temperature Salinity	Investigation of the biological significance of fast-ice-edges in the Barrow Strait region.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
76-0012	Department of Fisheries and Environment (Freshwater Institute, Winnipeg)	12-23 August	Strathcona Sound; Adams Sound	ARCD FHSC ARSC SHSC	Number: in gillnet Identification Morphometrics: length, total length, fork weight Age: # of annuli, scale # of annuli, otolith # of annuli, pectoral fin ray # of annuli, dorsal fin spine # of annuli, opercular spine Reproduction: testes, presence/absence testes, relative developmental stage ovaries, presence/absence ovaries, relative developmental stage Food: gut contents, species identifications Parasitology: presence/absence	Zoobenthos: Identification Mammals-Cetaceans: Identification Morphometrics Pinnipeds: Identification Morphometrics	Water Column: Metals Nutrients Dissolved oxygen Major elements Other - pH Suspended Particulates: Suspended solids Sediment: Metals Biota: Metals	Water Column: Temperature Conductivity Transparency (secchi)	Environmental investigation of Strathcona Sound in connection with the development of a lead-zinc mine on the south shore of the sound. See 74-0026 75-0030 79-0024 81-0104 84-0038
76-0118	National Museum of Canada	23 July	Barrow Strait (Northern Somerset Is. near Cunningham Inlet)	KPSF	Identification				Specimens collected by R. Lee, National Museum of Canada. Data also collected from the Queen Elizabeth Is.
76-0119	Department of Fisheries and Environment (Freshwater Institute)	mid-July to early August; mid-August to first week in September	Wellington Bay (Halovik R., Ekalluk R.); Queen Maud Gulf (Ellice R., Dease Pt.); Albert Edward Bay (Jayco R.)	CHAR OTHER[1]	Identification Morphometrics: length, fork weight Age: # of annuli, otolith				See 71-0110 See 61-0081 [1] LKWT, BDWT, and LKTR captured incidentally.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
76-0121	LGL Ltd. (for Polar Gas Project)	17-22 July; 3-13 August; 4, 8-26 September; 23-30 November; 1-2 December	Barrow Str. (Allen Bay, Resolute Bay); Prince Regent Inlet (Creswell Bay)	ARCD	Number: in gillnet caught by jig caught by hand caught by plankton net caught by spear Identification Morphometrics: length, total length, standard length, fork weight # of fin rays/spines # of gill rakers # of pyloric caeca # of branchiostegals # of vertebrae length of various body parts Age: # of annuli, otolith Reproduction: testes, presence/absence testes, weight ovaries, presence/absence ovaries, weight Food: gut contents, number of individuals gut contents, weight gut contents, species				Data compiled here are mainly from collections and observations of ARCD off southern Cornwallis Is. Major objectives were to provide basic biological information of ARCD and to determine timing, extent, and nature of use by ARCD of coastal marine waters.
77-0015	LGL Ltd. (for Polar Gas Project)	20-23; 25-27 May; 26-31 August; 1-2 September	Prince Regent Inlet (Brentford Bay)	POCD ARCD FHDR SDEP RHKR ASSC FHSC ARSC SHSC RBSC LFLS OTHER[1]	Number: in trawl caught by hand caught by plankton net caught by bottom grab caught by airlift Identification Morphometrics: length, total length, fork weight # of gillrakers Reproduction: testes, presence/absence	Phytoplankton Number Identification Zooplankton: Number Identification Morphometrics Epontics: Number Identification Morphometrics Phytobenthos:	Water Column: Nutrients Chlorophyll	Ice: Thickness Water Column: Temperature Salinity Depth	A description of the marine and shoreline environment of Brentford Bay, Boothia Peninsula; a possible equipment staging site for natural gas development activities. [1]Includes unidentified zoarcid and cyclopterid [2]General comments on depth of capture and habitat associations of a qualitative

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
77-0015 Cont'd					testes, relative developmental stage ovaries, presence/absence ovaries, relative developmental stage egg diameter egg number Behaviour[2]: substrate preference	Number Identification Zoobenthos: Number Identification Morphometrics Birds: Number Identification Mammals-Cetaceans: Number Identification Pinnipeds: Number Identification Ice Associated Mammals: Number Identification			nature.
77-0016	LGL Ltd. (for Petro-Canada, the Arctic Pilot Project)	6-14 June; 4, 6-7, 16, 18, 20-26, 28 August	Viscount Melville Sound (Bridport Inlet, Melville Is.)	POCD ARCD FHDR SDEP RHKR ASSC THSC FHSC RBSC LFLS BTSF KPSF OTHER[1]	Number: in gillnet in trawl caught by hand caught by plankton net caught by airlift Identification Morphometrics: length, total length, fork weight # of fin rays # of gillrakers # of pyloric caeca Age: # of annuli, otolith Reproduction: testes, presence/absence	Phytoplankton Number Identification Zooplankton: Number Identification Morphometrics Epontics: Number Identification Phytobenthos: Number Identification	Water Column: Nutrients Chlorophyll Dissolved oxygen	Ice: Other-condition Water Column: Temperature Salinity Current speed Current direction	A description of the marine environment of Bridport Inlet, Melville Island, proposed location of a natural gas pipeline and gas liquefaction plant. [1] Includes unidentified gadids, zoarcids, cottids and cyclopterids. [2] General comments on depth of capture and habitat associations of a qualitative nature.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
77-0016 Cont'd					testes, relative developmental stage ovaries, presence/ absence ovaries, relative developmental stage egg diameter egg number Behaviour: substrate preference[2]	Zoobenthos: Number Identification Morphometrics			
77-0120	Department of Fisheries and Environment (Freshwater Institute)	mid-July to early August; mid-august to first week in September	Dease Str. (Lauchlan R., Starvation Cove); Wellington Bay (Halovik R., Paliryuak R., Ekalluk R.); Queen Maud Gulf (Ellice R., Perry R.); Elu Inlet; Albert Edward Bay (Padliak Inlet, Jayco R.)	CHAR OTHER[1]	Identification Morphomerics: length, fork weight Age: # of annuli, otolith				See 71-0110 See 61-0081 [1] LKWT, BDWT, and LKTR captured incidentally.
77-0121	LGL Ltd. (for Polar Gas Project)	23-28 February; 1-3 March; 14-29 April; 2 June; 16-18, 23-29 July; 6-10, 30, 31 August; 1 September	Barrow Str. (Allen Bay, Resolute Passage, Assistance Bay); Peel Sd. (Aston Bay); Gulf of Boothia (Bellot Str.)	ARCD OTHER[1]	Number: in gillnet in trawl in trap caught by jig caught by hand caught by plankton net Identification Morphometrics: length, fork weight Reproduction: testes, presence/ absence ovaries, presence/ absence				Data compiled here are from a number of surveys. These were designed to describe nearshore marine areas that could be affected by utilization as equipment staging sites for natural gas development activities. Apparently not published because of budget restrictions (Thomson et al. 1978). Bain and Sekerak (1978) present

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
77-0121 Cont'd									data pertaining to ARCD. [1]Other species were also captured and are preserved at Polar Gas.
78-0022	LGL Ltd. (for Petro-Canada Exploration, Inc.)	28, 31 July; 4, 18-19, 21 August; 6-8, 19-20, 22 September	Lancaster Sound	ARCD GLSF	Number: caught by plankton net Identification Morphometrics: length, total weight # of fin rays length of various body parts	Phytoplankton: Number Identification Zooplankton: Number Identification Morphometrics	Water: Nutrients Chlorophyll	Water Column: Temperature Salinity	Part of multi-disciplinary Eastern Arctic Marine Environmental Studies (EAMES) designed to provide information on marine environment from Davis Strait to northern Baffin Bay. Most of the over 40 stations sampled are outside of Lancaster Sd. and are therefore not included in this compilation. Three stations (CW, EM, NB) were also sampled for ichthyoplankton in 1976 (see 76-0008).
78-0112	Department of Fisheries & Oceans (Freshwater Institute)	mid-July to early August; mid-August to first week in September	Dease Str. (Lauchlan R.); Elu Inlet; Wellington Bay (Halovik R., Paliryuak R., Ekalluk R.); Queen Maud Gulf (Ellice R., Perry R.); Albert Edward Bay (Jayco R.)	CHAR OTHER[1]	Identification Morphometrics: length, fork weight Age: # of annuli, otolith				See 71-0110 See 61-0081 [1]LKWT, BDWT, and LKTR captured incidentally.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
79-0024	Department of Fisheries & Oceans (Freshwater Institute)	24-25 August	Strathcona Sound	FHSC SHSC	Number: caught by hand Identification	Zoobenthos: Identification Phytobenthos: Identification	Sediment: Metals Biota: Metals		Environmental investigation of Strathcona Sd. in connection with the development of a lean-zinc mine on the southshore of the sound. See 74-0026 75-0012 76-0012 81-0104 84-0038
79-0114	Department of Fisheries & Oceans (Freshwater Institute)	mid-July; mid-August to early September	Dease Str. (Lauchlan R.); Wellington Bay (Halovik R., Paliryuak R., Ekalluk R.); Queen Maud Gulf (Ellice R., Perry R.); Albert Edward Bay (Jayco R., Collinson Peninsula)	CHAR	Identification Morphometrics: length, fork weight Age: # of annuli, otolith				See 71-0110 See 61-0081
79-0115	Department of Fisheries & Oceans (Freshwater Institute) Department of Economic Development & Tourism (Cambridge Bay)	21-31 July; 1, 2, 28-31 August; 1-10 September	Sherman Basin (Tern L., Kaleet R.); Chantrey Inlet (Elliot Bay, Back R., Mangles Bay); Rasmussen Basin (Kingark R., Murchison	CHAR LKTR	Identification Morphometrics: length, fork weight Age: # of annuli, otolith Reproduction: testes, presence/absence testes, relative developmental stage ovaries, presence/absence ovaries, relative developmental stage				Test fishery to assess the CHAR stocks in the Gjoa Haven - Pelly Bay area. See 80-0106

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
79-0115 Cont'd			R.); Pelly Bay (Tourist R., Becher R., Arrowsmith R., Kellet R.); Committee Bay (Keith Bay)						
79-0116	Arctic Land Use Research, Dept. of Indian & Northern Affairs	25 August	Queen Maud Gulf (mouth of Simpson R.)	ARCS LKWT LSCS LKTR TDCD SFCD FHSC ARFL	Number: in gillnet Identification Morphometrics: length, total length, fork weight Age: # of annuli, scale # of annuli, otolith Reproduction: testes, presence/absence testes, relative developmental stage ovaries, presence/absence ovaries, relative developmental stage Food: gut contents, identification	Zooplankton: Number Identification	Water Column: Metals Nutrients Chlorophyll Major elements Other-pH	Water Column: Depth Transparency (secchi)	Fisheries contribution to Arctic Land Use Research (ALUR) mapping program. Majority of data was collected from freshwater.
80-0007	Department of Fisheries & Oceans, Bedford Institute of Oceanography (Marine Ecology Laboratory)	C.S.S. Hudson	Lancaster Sound (Maxwell Bay)	SHSC? ARSC? OTHER	Number: caught by jig Identification				Examination of anti-freeze protein physiology and hepatic mixed function oxidase enzymes in Arctic fishes. Part of a multi-disciplinary study, centering on Lancaster Sound. Other fish data also collected at Grise Fiord, Ellesmere Is.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
80-0007 Cont'd									and study published (Fletcher et al. 1982).
80-0106	Department of Fisheries & Oceans (Freshwater Institute) Department of Economic Development & Tourism (Cambridge Bay)	7-24 July; 5-31 August; 1-15 September	Sherman Basin (Tern L.); Chantrey Inlet (Back R., Mangles Bay); Rasmussen Basin (Kingark R., Murchison R.); Pelly Bay (Tourist R., Becher R., Arrowsmith R.); Committee Bay (Keith Bay)	CHAR LKTR	Identification Morphometrics: length, fork weight Age: # of annuli, otolith Reproduction: testes, presence/ absence testes, relative developmental stage ovaries, presence/ absence ovaries, relative developmental stage				See 79-0115
80-0107	Department of Fisheries & Oceans (Freshwater Institute)	mid-July; mid-August to early September	Dease Str. (Lauchlan R.); Wellington Bay (Halovik R., Paliryuak R., Ekalluk R.); Queen Maud Gulf (Ellice R., Perry R.); Albert Edward Bay (Jayco R.)	CHAR	Identification Morphometrics: length, fork weight Age: # of annuli, otolith				See 71-0110 See 61-0081
81-0102	Arctic Biological Consultants (for	28 July; 8-9, 12-13 August	Barrow Strait (Resolute Bay)	POCD ARCD FHDR SLEB	Number: in gillnet in trawl Identification				Aquatic resource survey of islands bordering Viscount Melville Sound.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
81-0102 Cont'd	Department of Environment & Department of Indian & Northern Affairs)		Viscount Melville Sound (Richard Collinson Inlet, Hadley Bay)	ASSC FHSC	Morphometrics: length, total length, fork weight Reproduction: testes, presence/ absence testes, relative developmental stage Food: gut contents, weight gut contents, identification				Data also collected from Queen Elizabeth Islands and from freshwater.
81-0103	Department of Fisheries & Oceans (Freshwater Institute)	mid-July; mid-August to early September	Dease Str. (Lauchlan R.); Wellington Bay (Halovik R., Paliryuak R., Ekalluk R.); Queen Maud Gulf (Ellice R., Perry R.); Edward Albert Bay (Jayco R.)	CHAR	Identification Morphometrics: length, fork weight Age: # of annuli, otolith				See 71-0110 See 61-0081
81-0104	Department of Fisheries & Oceans (Freshwater Institute)	26, 28 August	Strathcona Sd.	FHDR ASSC LFLS KPSF	Number: caught by hand Identification	Zoobenthos: Identification	Biota: Metals	Water Column: Temperature Salinity	Environmental investigation of Strathcona Sd. in connection with the development of a lead-zinc mine on the south shore of the sound. See 74-0026 75-0030 76-0012 79-0024 84-0038
81-0105	Department of Fisheries & Oceans	13-20 August; 28 October; 23 November	Cornation Gulf (Coppermine	PCHR ARCS LKWT	Number: in gillnet in domestic fishery				Purpose of study was to determine the status of the Arctic

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
81-0105 Cont'd	(Freshwater Institute)		R.)	BDWT LSCS CHAR LNSK SFCD STFL	Identification Morphometrics: length, fork weight Age: # of annuli, otolith Reproduction: testes, presence/ absence testes, relative developmental stage ovaries, presence/ absence ovaries, relative developmental stage				charr stock and to determine the extent of the domestic fishery. See 82-0118 [1] Most samples from estuary but some upstream sites (but below Bloody Falls) also included.
81-0106	Department Fisheries & Oceans, Bedford Institute of Oceanography (Marine Ecology Laboratory)	11-16 September	Barrow Strait (Resolute Bay)	ARCD SHSC?	Number: in trawl Identification Morphometrics: weight				Objective of study was to analyze blood and plasma for "anti-freeze" activity and to examine levels of detoxifying enzymes in livers. Invertebrates (especially amphipods) caught in trawls. Information obtained from a report relating to Scientific Permit (81-17-F).
82-0117	Department of Fisheries & Oceans (Freshwater Institute) Department of Economic Development & Tourism (Government of Northwest Territories)	28 August - 11 September	Chantrey Inlet (Hayes R.)	CHAR	Identification Morphometrics: length, fork weight Age: # of annuli, otolith Reproduction: testes, presence/ absence ovaries, presence/ absence				Test fishery for CHAR.
82-0118	Department of Fisheries & Oceans	8 September - 3 November	Coronation Gulf (Coppermine	CHAR	Number: in domestic fishery Identification				See 81-0105 [1] At and near mouth.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
82-0118 Cont'd	(Freshwater Institute)		R.)[1]		Morphometrics: length, fork weight Age: # of annuli, otolith Reproduction: testes, presence/ absence testes, relative developmental stage ovaries, presence/ absence ovaries, relative developmental stage				
82-0119	Arctic Biological Consultants (for Department of Environment & Department of Indian and Northern Affairs)	24-25 August	Rasmussen Basin (Shepherd Bay)	ARCS CHAR OGAC FHSC	Number: in gillnet Identification Morphometrics: length, total length, fork weight Age: # of annuli, scale # of annuli, otolith Reproduction: testes, presence/ absence testes, relative developmental stage ovaries, presence/ absence ovaries, relative developmental stage Food: gut contents, % full gut contents, identification Parasitology: presence/absence numbers identification				An aquatic resource survey of Victoria Is., King William Is., and North-eastern District of Keewatin. Majority of data collected from freshwater.
82-0148	Department of Fisheries & Oceans (Freshwater Institute)	mid-July; mid-August to early September	Dease Str. (Lauchlan R.); Wellington Bay (Halovik R.,	CHAR	Identification Morphometrics: length, fork weight Age: # of annuli, otolith				See 71-0110 See 61-0081 Data also collected from Hudson Bay.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
82-0148 Cont'd			Paliryuak R., and Ekalluk R.); Queen Maud Gulf (Ellice R.); Edward Albert Bay (Jayco R.)						
83-0063	Department of Fisheries & Oceans (Freshwater Institute)	mid-July; mid-August to early September	Dease Str. (Lauchlan R.); Wellington Bay (Halovik R., Paliryuak R., Ekalluk R.); Queen Maud Gulf (Ellice R.); Edward Albert Bay (Jayco R.)	CHAR	Identification Morphometrics: length, fork weight Age: # of annuli, otolith				See 71-0110 See 61-0081 Data also collected from Hudson Bay.
84-0037	Department of Fisheries & Oceans (Freshwater Institute)	mid-July; mid-August to early September	Dease Str. (Lauchlan R.); Wellington Bay (Halovik R., Paliryuak R., Ekalluk R.); Queen Maud Gulf (Ellice R.); Edward Albert Bay (Jayco R.)	CHAR	Identification Morphometrics: length, fork weight Age: # of annuli, otolith				See 71-0110 See 61-0081 Data also collected from Hudson Bay.
4-0038	Department of Fisheries & Oceans	21, 23 August	Strathcona Sd.	FHDR ASSC THSC	Number: caught by hand Identification	Zoobenthos: Identification	Sediment: Metals	Water Column: Temperature	Environmental investigation of Strathcona Sd. in connection with

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
84-0038 Cont'd	(Freshwater Institute)			STSC LFLS			Biota: Metals	Salinity	the development of a lead-zinc mine on the south shore of the sound. See 74-0026 75-0030 76-0012 79-0024 81-0104
5-0021	Department of Fisheries & Oceans (Freshwater Institute)	17, 20 April; 25, 27 May; 3, 14 June; 17, 26, 27, 30 July; 1, 5-9, 11, 14, 16, 18, 21-23, 26, 27 August	Barrow Str. (Resolute Bay, Gascoyne Inlet, Barlow Inlet, Intrepid Bay)	ARCD ARCD? FHDR PREP? ASSC ASSC? THSC STSC STSC? RBSC? OTHER[1]	Number: in trawl caught by hand caught by plankton net found dead Identification Morphometrics: length, total length, standard length, fork weight # of fin rays # of gill rakers length of various body parts Age: # of annuli, otolith Reproduction: testes, presence/ absence testes, relative developmental stage testes, weight ovaries, presence/ absence ovaries, relative developmental stage ovaries, weight Food		Water Column: Nutrients Chlorophyll	Water Column: Temperature Salinity Conductivity Depth/ Pressure	Purpose of study was to examine the fish fauna of Resolute Bay and nearby areas, (particularly for ARCD). [1] Unidentified zoarcids, cottids, and cyclopterids. Identification and other analyses in progress.

Data Table 1

Queen Elizabeth Islands

Data Table 1.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
18^{52}-0001	British Admiralty	1852-1853 (H.M.S. *Assistance*, H.M.S. *Pioneer*)	Penny Str. (Northumberland Sound)	ARCD? = FHDR? = SDEP = SLEB? = BDGL? = SHSC? = TSSB? =	*Merlangus polaris* (Leech) *Gymnelus viridis* (Reinhardt) *G. viridis*, var *unimaculatus* *Lycodes mucosus* (Richardson) *Lumpenus nubilus* (Richardson) *Gunnellus fasciatus* (Bloch, *subBlennio*) *Cottus glacialis* (Richardson) *Gasterosteus insculptus*				Final Admiralty search for the lost Franklin Expedition, under the command of Sir E. Belcher. Collection of fishes was examined by Dr. J. Richardson.
01-0001	Second Norwegian Arctic Expedition (privately funded)	8, 9, 11, 12 July	Norwegian Bay (Hell Gate)	FHDR THSC ASLS[1] KPSF[2]	Identification Morphometrics: length, total	Zooplankton? Zoobenthos?			Scientific exploration of Arctic regions. The majority of samples came from Jones Sound, outside the present compilation, and therefore not considered here. [1] Originally described as *Cyclopterus spinosus* (see Andriyashev 1954). [2] Originally described as *Liparis liparis*. (see Able and McAllister 1980).
13-0001	Canadian Arctic Expedition (Government of Canada)	June, 1915; 12-13 May, 1916	Borden Is. (N.W. coast); Kellet Str. (Ibbett Bay, Melville Is.)	POCD[1]	Identification				Expedition under V. Stefansson (second expedition) backed by the Canadian Government for geographical and scientific discovery in the Western Arctic. Data also collected from the Beaufort Sea, Northwest Passage, and from freshwater.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
13-0001 Cont'd									[1] The specimen from Borden Is. consists of a skeleton deposited at the United States National Museum (#27379). The specimen from Melville Is. consists of a skull only and is deposited at the National Museum of Canada (#58-0076). Consult Walters (1953a) and Nielsen and Jensen (1967) for a discussion of identifications.
51-0027	National Museum of Canada	14 April - 30 September	Ellesmere Is. (Alert)	CHAR FHDR THSC FHSC GLSF KPSF[1]	Number: in bottom dredge found in gut contents Identification Morphometrics: length, standard number of fin rays /spines number of pyloric caeca length of various body parts Reproduction: external sexual characteristics	Zooplankton: Number Identification Zoobenthos: Number Identification Birds: Number Identification Reproduction Food Mammals-Pinnipeds: Number Identification Morphometrics Reproduction Food			Primary purpose of study was to collect bird and mammal specimens. Specimens collected by S.D. MacDonald, National Museum of Canada. Note - This location is outside the Queen Elizabeth Islands area, but is included for convenience. [1] Originally described as Liparis sp.? liparis (see Able and McAllister 1980).
52-0030	National Museum of Canada	June-August	Crozier Channel (Mould Bay, Prince	CHAR POCD ARCD PAEP	Number: in gillnet in bottom dredge found dead	Zooplankton: Number Identification			Purpose of study was to obtain biological material and information from this High Arctic location.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
52-0030 Cont'd			Patrick Is.)	NRWF THSC FHSC ASLS OTHER[1]	in gut contents Identification Morphometrics: length, total length, standard weight # of fin rays/ spines # of gill rakers # of pyloric caeca length of various body parts Reproduction: testes, presence/ absence ovaries, presence/ absence Food: gut contents, number of individuals gut contents, identification Parasitology: presence/absence, external numbers, external identification	Zoobenthos: Number Identification Birds: Number Identification Reproduction Mammals: Number Identification Reproduction Morphometrics			Specimens collected by S.D. MacDonald, National Museum of Canada. [1] *Arctogadus* sp., *Gymnocanthus* sp.?
54-0038	National Museum of Canada	July	Crozier Channel (Mould Bay, Prince Patrick Is.)	ASSC LFLS? OTHER[1]	Identification				Specimens collected by S.D. MacDonald, National Museum of Canada. [1] *Eumicrotremus* sp.
62-0005	Fisheries Research Board (Arctic Unit)	1 July - 16 August	Eureka Sd. (Slidre Fiord, Ellesmere Is.); Massey Sd. (Strand Fiord, Axel Heiberg Is.); Penny Str. (Hungry Bay, Devon Is.);	CHAR ARCD FHDR ASSC FHSC SHSC KPSF	Number: in gillnet in trawl caught by hand in bottom dredge caught by plankton net caught by bottom grab Identification Morphometrics: length, total	Zooplankton: Number Identification Zoobenthos: Number Identification	Water Column: Dissolved oxygen	Water Column: Temperature Salinity	Part of a series of fisheries investigations undertaken from 1947-1979. Data also collected from the Beaufort Sea, Northwest Passage, and from freshwater (Eleanor L., Cornwallis Is., Bowhead L. and unnamed lake,

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
62-0005 Cont'd			Wellington Channel (Eleanor R., Cornwallis Is.)		weight Age[1] Reproduction: ovaries, presence/absence ovaries, relative developmental stage ovaries, weight egg diameter Food: gut contents, identification Parasitology: presence/absence, by organ				W. Devon Is.). [1] Otoliths collected, none aged.
72-0016	Canadian Wildlife Service	August	Crozier Channel (Mould Bay, Prince Patrick Is.)	CHAR	Number: caught on rod and line Identification Morphometrics: length, fork Reproduction: testes, presence/absence ovaries, presence/absence		Biota: Hydrocarbons		PCB residue levels were examined as part of long term research on toxic chemicals in polar bear tissue by International Union for the Conservation of Nature and Natural Resources. Data also collected from the Northwest Passage.
72-0117	National Museum of Canada	3, 4 August	Crozier Channel (Mould Bay, Prince Patrick Is.)	FHSC	Identification				Specimens collected by D.E. McAllister, National Museum of Canada. Samples also collected from freshwater.
74-0121	Dobrocky Seatech Ltd. (for B.C. Research for Cominco Ltd.)	19-21 August	McDougall Sd. (Cominco Bay, Little Cornwallis Is.)	None	Number: in gillnet in trap	Zooplankton Zoobenthos: Number Identification	Water Column: Metals Dissolved oxygen Other - pH	Water Column: Temperature Salinity	Hydrographic and limnological survey of aquatic environment at Polaris Mine site. See 77-0119. Data also collected

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
74-0121 Cont'd							Sediment: Metals Biota: Metals		from freshwater.
75-0019	Beak Consultants Ltd. (for Panarctic Oils Ltd.)	2 March - 11 April	Byam Martin Channel (East Sabine Pen., Melville Is.)	ARCD OTHER	Number: caught on long line caught by hand observed recorded by camera Identification Morphometrics: length Reproduction: testes, presence/absence Food: gut contents, identification	Phytoplankton: Number Identification Zooplankton: Number Identification Zoobenthos: Number Identification Ice-Associated Mammals: Number Identification	Water Column: Dissolved oxygen Other - pH Suspended particulates: Suspended solids	Water Column: Temperature Salinity Current speed Current direction	Environmental assessment study prior to, during, and after offshore drilling.
75-0139	National Museum of Canada	19, 20, 24 August; 1 September	Wellington Channel; McDougall Sd.; Austin Channel; Queens Channel	POCD ARCD FHSC SHSC BTSF KPSF OTHER[1]	Identification				Specimens collected by R. Lee, National Museum of Canada. Specimens also collected from Northwest Passage. [1] *Liparis* sp.
76-0118	National Museum of Canada	21, 22 July	Belcher Channel; Queens Channel (Devon Is.)	KPSF	Identification				Specimens collected by R. Lee, National Museum of Canada. Specimens also collected from the Northwest Passage

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
77-0118	LGL Ltd. (for Polar Gas Project)	8-22 August	Austin Channel (Byam Martin Is.); Graham Moore Bay; McDougall Sd.	ARCD	Number: in gillnet in trawl caught by hand Identification				Purpose of study was to describe marine areas that could be affected by utilization as equipment staging sites for natural gas development activities. Results of these 1977 studies were apparently not published because of budget restrictions (Thomson et al. 1978). However, Bain and Sekerak (1978) include data from these areas in their study of ARCD in the central Canadian Arctic.
77-0119	B.C. Research (for Cominco Ltd.)	26-28 August	McDougall Sd. (Cominco and Garrow bays, Little Cornwallis Is.)	ARCD FHDR FHSC RBSC GLSF	Number: in gillnet in seine haul Identification Morphometrics: length, total weight	Zooplankton: Identification Zoobenthos: Identification	Water Column: Metals Nutrients Dissolved oxygen Major elements Other - pH Suspended particulates: Suspended solids Sediment: Metals Biota: Metals	Water Column: Temperature Salinity Conductivity Depth Turbidity	Part of a series of environmental studies related to the development of a lead/zinc mine. See 74-0121. Data also collected from freshwater.
81-0102	Arctic Biological Consultants (for Department of Environment and Department	30-31 July	Penny Str. (Young Inlet, Bathurst Is.)	RBSC	Number: in gillnet Identification Morphometrics: length, total weight				Aquatic resource survey of islands bordering Viscount Melville Sound.

Data Table 1 Continued.

Data Set I.D.	Collecting Agency	Collecting Period (Ship)	Area	Taxa Reported	Biological Quantities Sampled or Measured	Concurrent Measurements			Remarks
						Biological	Chemical	Physical	
81-0102 Cont'd	of Indian and Northern Affairs				Reproduction: testes, presence/ absence testes, relative developmental stage ovaries, presence/ absence ovaries, relative developmental stage				Data also collected from the Northwest Passage. Invertebrates captured incidentally were sent to National Museum of Canada.
81-0108	Department of Fisheries and Oceans (Freshwater Institute)	20 August	McDougall Sd. (Garrow Bay, Little Cornwallis Is.)	FHDR	Number: caught by hand Identification	Zoobenthos: Identification	Biota: Metals	Water Column: Temperature Salinity	Assessment of environmental effects of a lead/zinc mine. See 84-0039. See also 74-0121 and 77-0119.
84-0039	Department of Fisheries and Oceans (Freshwater Institute)	12, 15, 16 August	McDougall Sd. (Crozier Str., Cominco and Garrow bays)	ARCD FHDR SDEP LFLS KPSF	Number: caught by hand Identification	Zoobenthos: Identification	Sediment: Metals Biota: Metals	Water Column: Temperature Salinity	See 81-0108. See also 74-0121 and 77-0119.

DATA TABLE 2: FISH MEASUREMENTS: SAMPLING INTENSITY, METHODOLOGY AND RATING

Data Table 2 presents specific information on all of the measurements in each data set. As in Data Table 1, data sets are listed chronologically and by data set number. Explanations of the information in each column are given below.

Data Set I.D.

A unique identification number has been given to each data set. This number is used whenever the data set is referred to in all of the tables. The first two digits of the I.D. number identify the year in which the data were collected. The last four digits are the identifier for a particular data set. Data sets collected in the 19th century are identified by the 18 subscript. Data sets are listed in chronological order.

Measurement

Specific measurements are listed in the order they are presented in Data Table 1.

Species

All of the species that were measured are listed for each measurement.

No. of Samples

For each measurement, the numbers of individuals of each species is given. Numbers may not agree between different measurements because not all measurements were necessarily made on all fish.

No. of Stations

This is the number of specific locations at which fishing was carried out.

Gear Type

This column names the type of sampling gear used to catch fish.

Gear Description

The known measurements of the gear such as mesh sizes, lengths and depths of nets, etc. are given here.

Gear Deployment

This column describes the methods used to fish with the given gear type. This could include trawling speed, depth of net sets, etc.

Sample Storage

If samples were preserved in some way before a measurement was made, the storage method is described.

Sample Analysis

Known details about measurement methodology are provided in this column.

Precision

The level of random error is indicated if multiple measurements were obtained for a sample. N/A indicates that precision is inapplicable, NS indicates that it is not known whether or not precision was determined.

Accuracy

If the measurement technique was tested against a known standard, the level of systematic error is provided in this column. N/A indicates that Accuracy is inapplicable, NS indicates that it is not known whether or not accuracy was determined.

Data Rating

The rating has been assigned to each type of measurement according the rating factors. N/A indicates that rating the data is not applicable.

Remarks

Additional comments are presented here. Common remarks are indicated by numbered Notes which are explained in Appendix 1.

With one exception, information on data collected by the Arctic Biological Station was obtained exclusively from their computer files. Data collected prior to 1960 has not been entered in these files. More modern data on two common species, namely charr (*Salvelinus alpinus*) and fourhorn sculpin (*Myoxocephalus quadricornis*) and on a number of less common species such as blackline prickleback (*Acantholumpenus mackayi*), slender eelblenny (*Lumpenus fabricii*) and dusky snailfish (*Liparis gibbus*) are also not in the computer files.

Data Table 2

Northwest Passage

Data Table 2.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
54-0033	Number:						
	in gillnet	ones	LKWT	NS	NS	gillnet	NS
			BDWT				
			RDWT				
			CHAR				
			LKTR				
			NRPK				
			LNSK				
			SFCD				
			OGAC				
			BRBT				
			ARFL				
			STFL				
	caught in bottom grab	ones	ASSC	NS	NS	bottom grab	NS
	found dead	ones	SFCD	NS	NS?	found dead	NS
			OGAC				
	in gut contents	ones	CPLN	NS	NS	gut contents	gut contents of CHAR, SFCD, and STFL
	observed	ones	OGAC	NS	NS	observation	NS
			ARFL				
	Identification:	N/A	LKCS	1	1		
			LKWT	2	NS		
			BDWT	1	1		
			RDWT	2	NS		
			CHAR	14	NS		
			LKTR	1	1		
			CPLN	10	NS	see number	see number
			NRPK	1	1		
			LNSK	1	1		
			SFCD	5	NS		
			OGAC	11	NS		
			BRBT	1	1		
			ASSC	1	1		
			FHSC	2	1		
			SHSC	1	1		
			NSSB	1	1		
			ARFL	1	1		
			STFL	7	NS		
			Other	1	1		
	Morphometrics:						
	length	cm	CPLN	10	NS	see number	see number
			SFCD	65	NS		
			STFL	7	NS		
	Reproduction:						
	testes, presence, absence	N/A	CPLN	1	1	see number	see number
	ovaries, presence, absence	N/A	CPLN	9	NS	see number	see number
			SFCD	5?	NS		
	ovaries, relative developmental stage	N/A	CPLN	9	NS	see number	see number
	Food:						
	gut contents, identification	N/A	LKWT	2	NS	see number	see number
			CHAR	1	1		
			LKTR	1	1		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
NS	none, analysis on site	NS	NS	NS	2	Capture method not specified for LKCS, unidentified coregonid, several CHAR, and NSSB (some may hae been captured with handnets).
NS						Most specimens were captured by Inuit during summer fishery in the Coppermine River delta. The author did not consider the results quantitative.
NS	NS	NS	NS	NS	N/A	
N/A	none, analysis on site	counted by ones	NS	NS	N/A	
N/A	none, analysis on site	counted by ones[1]	NS	NS	N/A	[1]Numbers in all stomachs not given.
N/A	none, analysis on site	counted by ones[2]	NS	NS	N/A	[2]Only OGAC were counted.
see number	NS	Specimens deposited in the museum of the Institute of Fisheries, University of British Columbia. C.C. Lindsey and N.J. Wilimovsky, and T. Ueno (all of the University of British Columbia) are acknowledged for help in identifications.	N/A	N/A	N/A	Number of samples refers to the actual number of specimens preserved, except for OGAC and STFL for which no specimens were preserved. Other is either LKWT or BDWT.
see number	NS	NS	NS	NS	2	
see number	NS	NS	N/A	N/A	N/A	
see number	NS	NS	N/A	N/A	N/A	
see number	NS	NS	NS	NS	2	"Mature" females were noted (n=9).
see number	NS	NS; fish (often CPLN), isopods, gastropods, amphipods and pelecypoda are referred to	N/A	N/A	N/A	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
54-0033 Cont'd			LNSK	3	NS		
			SFCD	4	NS		
			OGAC	4	NS		
			BRBT	1	1		
			AFRL	3	NS		
			STFL	9	NS		
55-0040	Number: found dead	ones	SMLF	1	1	none	found dead
	Identification	N/A	SMLF	1	1	none	see number
	Morphometrics: length[1]	cm	SMLF	1	1	none	see number
57-0044	Number in gillnet	ones	Note 13	Note 14	2	gillnet	Note 1
	in seine haul	ones	Note 13	Note 14	1	hand seine	0.9 m; Note 2
	caught by hand	ones	Note 13	Note 14	1	hand	Note 3
	caught by plankton net	ones	Note 13	Note 14	2	plankton net	Note 3
	in bottom dredge	ones	Note 13	Note 14	1	bottom dredge	Note 3
	obtained by explosives	ones	Note 13	Note 14	1	explosives	Note 3
	Identification	N/A	Note 4	Note 4	Note 4	see number	see number
58-0044	Number: in gillnet	ones	CHAR SDEP	NS	6	gillnet	114 mm mesh size referred to
	Identification:	N/A	CHAR SDEP	124[1] 1	6 1	gillnet	see number
	Morphometrics: length, fork	cm	CHAR	124	2	gillnet	see number
	Age[2]: # of annuli, scales # of annuli, otoliths	years	CHAR	115	2	gillnet	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
found beside seal breathing hole	none, analysis on site	counted by ones	NS	NS	N/A	
see number	NS	C.C. Lindsey and N.J. Willmovsky, and T. Ueno (all of Univ. of British Columbia) are acknowledged for help in identification.	N/A	N/A	N/A	Specimen is probably deposited in the Museum of the Institute of Fisheries, Univ. of British Columbia. Identification is tentative.
see number	NS	NS	NS	NS	2	[1]Type of length measurement not specified.
Note 1	none, analysis on site	counted by ones	NS	NS	2	
Note 2	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	N/A	
NS	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	N/A	
see number	none, analysis on site, or 10% formalin	Note 4	N/A	N/A	N/A	
NS	none, analysis on site	counted by ones	NS	NS	2	
see number	CHAR: none, analysis on site	NS; SDEP: identified by D.E. McAllister, National Museum of Canada	N/A	N/A	N/A	[1]SDEP available at National Museum of Canada. Also includes specimens from freshwater.
see number	none, analysis on site.	NS	NS	NS	2	
see number	NS	NS; ages were provided by J.G. Hunter, Arctic	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
58-0044 Cont'd	# of annuli, scales # of annuli, otoliths cont'd						
60-0068	Number: in commercial fishery	ones	CHAR	NS	1	gillnet	NS
	in domestic fishery	ones	CHAR	NS	1	gillnet	NS
	Identification	N/A	CHAR	6000	1	gillnet	NS
	Morphometrics: weight	lbs	CHAR	6000	2	gillnet	NS
61-0080	Number: in gillnet	ones	SFCD	Note 14	1	gillnet	63, 89, 102 mm mesh sizes; Note 1
	Identification:	N/A	SFCD	29	2	see number	see number
	Morphometrics: length, fork	mm	SFCD	29	2	gillnet	see number
	Reproduction: testes, presence/absence	N/A	SFCD	16	2	gillnet	see number
	ovaries, presence/absence	N/A	SFCD	12	2	gillnet	see number
	Food: gut contents, identification	N/A	SFCD	9	1	gillnet	see number
61-0081	Number: in commercial fishery	ones	CHAR	NS	1	gillnet	45.7 x 1.8 m; mesh size of 114, 127, or 140 mm mesh size
	Identification	N/A	CHAR	2324	1	gillnet	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
		Biological Station				[2]Both scales & otoliths were collected. No mention of which structure was utilized for estimating age.
NS	none, analysis on site	counted by ones	NS	NS	2	No data for the experimental fishery at Greiner R. (Cambridge Bay).
NS	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	identified by fishermen	N/A	N/A	N/A	No data for the experimental fishery at Greiner R. (Cambridge Bay).
NS	none, analysis at fish plant	NS	NS	NS	2	Approximately 8864 kg produced by experimental fishery and 6818 kg produced by domestic fishery (dressed weight).
Note 1	none, analysis on site	counted by ones	NS	NS	2	
see number	none, analysis on site, or 10% formalin	Note 4	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	to nearest mm	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	Note 5	N/A	N/A	N/A	
NS	none, analysis on site	counted by ones	NS	NS	2	Five fishermen.
NS	none, analysis on site	identified by fishermen	N/A	N/A	N/A	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
61-0081 Cont'd	Morphometrics:						
	weight	lbs	CHAR	2324	1	gillnet	see number
62-0005	Number:						
	in gillnet	ones	ARSC	Note 14	33	gillnet	63, 89 & 114 mm mesh sizes; Note 1
	in seine haul	ones	NS	3?	3	bench seine	Note 2
	in seine haul	ones	NS	1?	1	hand seine	0.9 m; Note 2
	in trawl	ones	NS	Note 14	30	otter trawl	Note 6
	killed by poison	ones	NS	2?	2	rotenone	Note 3
	caught by hand	ones	NS	Note 14	4	hand	Note 3
	in bottom dredge	ones	NS	Note 14	19	bottom dredge	Note 3
	caught by plankton net	ones	NS	Note 14	9	plankton net mounted on sled	Note 3
	caught by plankton net	ones	NS	Note 14	21	plankton net	Note 3
	caught by bottom grab	ones	NS	Note 14	12	bottom grab	Note 3
	Identification:	N/A	ARCS	92	5	gillnet	see number
	Morphometrics:						
	length, total	mm	ARSC	92	5	gillnet	see number
	weight	g	ARSC	92	5	gillnet	see number
	Reproduction:						
	testes, presence/absence	N/A	ARSC	4	3	gillnet	see number
	testes, relative developmental stage	N/A	ARSC	4	3	gillnet	see number
	testes, size	mm	ARSC	4	3	gillnet	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
NS	none, analysis at fish plant	NS	NS	NS	2	[1]Total production of 6301 kg (dressed weight).
Note 1	none, analysis on site	counted by ones	NS	NS	2	
Note 2	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	2	
Note 6	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	N/A	
NS	none, analysis on site	counted by ones	NS	NS	N/A	
NS	none, analysis on site	counted by ones	NS	NS	2	
NS	10% formalin	counted by ones	NS	NS	2	
NS	10% formalin	counted by ones	NS	NS	2	
NS	10% formalin	counted by ones	NS	NS	N/A	
see number	none, analysis on site, or 10% formalin	Note 4	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	to nearest mm	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	gonads classified from 1 (immature) to 9 (recovering with old eggs); Note 8	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	width measured with calipers at widest point of excised organ	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
62-0005 Cont'd	ovaries, presence/absence	N/A	ARSC	87	5	gillnet	see number
	ovaries, relative developmental stage	N/A	ARSC	87	5	gillnet	see number
	egg diameter	mm	ARSC	87	5	gillnet	see number
	Food: gut contents, identification	N/A	ARSC	90	5	gillnet	see number
	Parasitology: presence/absence, by organ	N/A	ARSC	31	4	gillnet	see number
62-0070	Number: in commercial fishery	ones	CHAR	NS	1	gillnet	114 mm mesh size
	in commercial fishery	ones	CHAR	NS	1	trapnet	NS
	identification	N/A	CHAR	2605	1	see number	see number
	Morphometrics: weight	lbs	CHAR	2605	1	see number	see number
63-0058	Number: in commercial fishery	ones	CHAR	NS	1	gillnet	140 mm mesh size
	identification	N/A	CHAR	3580	1	gillnet	see number
	Morphometrics: weight	lbs	CHAR	3580	2	gillnet	see number
64-0001	Number: in gillnet	ones	TDCD POCD OGAC	8?	2	gillnet	38, 63, 89, 114 & 140 mm mesh sizes; Note 1
	in trawl	ones	NS	1?	1	otter trawl	Note 6

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	none, analysis on site, or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	gonads classified from 1 (immature) to 9 (recovering with old eggs); Note 8	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 9	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 5	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	Note 10	N/A	N/A	N/A	
NS	none, analysis on site	counted by ones	NS	NS	2	Total of 18 nets utilized. Total effort was 180 net-days.
NS	none, analysis on site	counted by ones	NS	NS	N/A	
see number	none, analysis on site	identified by fishermen	N/A	N/A	2	
see number	none, analysis at fish plant	NS	NS	NS	2	Total production of 5777 kg (round weight).
NS	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	identified by fishermen	N/A	N/A	N/A	Sample size available only for commercial fishery at Ekalluk R.
NS	none, analysis at fish plant	NS	NS	NS	2	Total production of 13,903 kg (round weight) at Ekalluk R. An additional unknown number of fish from Lauchlan R. totalled 2045-2273 kg.
Note 1	none, analysis on site	counted by ones	NS	NS	2	
Note 6	none, analysis on site	counted by ones	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
64-0001 Cont'd	caught on rod & line	ones	NS	2?	2	rod & line	Note 3
	caught on longline	ones	NS	1?	1	longline	Note 3
	caught by jig	ones	TOCD POCD OGAC	9?	3	jig	hook and line for snagging fish; Note 3
	caught by plankton net	ones	NS	1?	1	Hansen plankton net	Note 3
	identification	N/A	TDCD	149	1	see number	see number
			POCD	427	1		
			OGAC	361	2		
	Morphometrics:						
	length, total	mm	TDCD	20	1	gillnet	see number
	length, fork	mm	TDCD	128	1	see number	see number
			POCD	426	1		
			OGAC	361	2		
	weight	g	TDCD	149	1	see number	see number
			POCD	426	1		
			OGAC	361	2		
	Age:						
	# of annuli, scale	years	OGAC	143	2	see number	see number
	# of annuli, otolith	years	TDCD	17	1	see number	see number
			POCD	21	1		
			OGAC	348	2		
	Reproduction:						
	testes, presence/absence	N/A	TDCD	44	1	see number	see number
			POCD	71	1		
			OGAC	126	2		
	testes, relative developmental stage	N/A	TDCD	44	1	gillnet	see number
			POCD	71	1		
			OGAC	126	2		
	testes, weight	g	TDCD	43	1	see number	see number
			POCD	67	1		
			OGAC	124	2		
	ovaries, presence/absence	N/A	TDCD	101	1	see number	see number
			POCD	145	1		
			OGAC	115	2		
	ovaries, relative developmental stage	N/A	TDCD	101	1	see number	see number
			POCD	145	1		
			OGAC	115	2		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
NS	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	N/A	
NS	none, analysis on site	counted by ones	NS	NS	2	Could include fish caught by jig, lure, or hand line.
NS	10% formalin	counted by ones	NS	NS	2	
see number	none, analysis on site, or 10% formalin	Note 4	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	to nearest mm	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	to nearest mm	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	
see number	Note 16	annuli counted with aid of a microscope projector	NS	NS	2	
see number	Note 16	gadid otoliths split to reveal annuli; salmonid otoliths used 'as is'	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	
see number	none, anlaysis on site, or 10% formalin; Note 15	gonads classified from 1 (immature) to 9 (recovering with old eggs); Note 8	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin;	gonads classified from 1 (immature) to 9 (recovering	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
64-0001 Cont'd	ovaries, relative developmental stage cont'd						
	ovaries, weight	N/A	TDCD POCD OGAC	89 134 113	1 1 2	see number	see number
	egg diameter	mm	TDCD POCD	97 125	1 1	see number	see number
	Food: gut contents, identification	N/A	TDCD POCD OGAC	144 423 237	1 1 2	see number	see number
	Parasitology: presence/absence by organ	N/A	TDCD OGAC	12 113	1 2	see number	see number
64-0055	Number: in commercial fishery	ones	CHAR	NS	1	gillnet	114 or 140 mm mesh sizes
	identification	N/A	CHAR	4590	1	gillnet	see number
	Morphometrics: weight	lbs	CHAR	4590	1	gillnet	see number
65-0002	Number: in gillnet	ones	PCHR ARCS LKWT TDCD POCD SFCD OGAC ARFL STFL	40?	30	gillnet	38, 63, 89, 114 & 140 mm mesh sizes; Note 1
	in seine haul	ones	ARCS	2?	2	beach seine	Note 2
	in trawl	ones	ARCS	16?	16	otter trawl	Note 6
	caught on longline	ones	NS	1?	1	longline with multiple hooks	Note 3
	caught by handline	ones	NS	2?	1	hand held fishing line and baited hook	Note 3
	caught by jig	ones	TDCD POCD OGAC	5?	4	jig	hook and line for snagging fish; Note 3
	identification	N/A	PCHR ARCS	78 52	10 7	see number	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
	Note 15	with old eggs); Note 8				
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 9	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 5	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	Note 10	N/A	N/A	N/A	
NS	none, analysis on site	counted by ones	NS	NS	2	Six fishermen utilized a total of 24 nets. Total effort was 379 net days.
NS	none, analysis on site	identified by fishermen	N/A	N/A	N/A	
NS	none, analysis at fish plant	NS	NS	NS	2	Total production was 15,537 kg (round weight).
Note 1	none, analysis on site	counted by ones	NS	NS	2	
Note 2	none, analysis on site	counted by ones	NS	NS	2	
Note 6	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	2	
see number	none, analysis on site, or	Note 4	N/A	N/A	N/A	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
65-0002 Cont'd	identification cont'd		LKWT	1	1		
			BDWT	1	1		
			TDCD	50	6		
			POCD	60	5		
			SFCD	112	6		
			OGAC	368	17		
			ARFL	28	4		
			STFL	26	6		
	Morphometrics: length, total	mm	ARFL	23	4	gillnet	see number
			STFL	25	6		
	length, fork	mm	PCHR	78	10	see number	see number
			ARCS	52	7		
			LKWT	1	1		
			BDWT	1	1		
			TDCD	50	6		
			POCD	60	5		
			SFCD	111	6		
			OGAC	368	17		
	Weight:	g	PCHR	75	9	see number	see number
			ARCS	52	7		
			LKWT	1	1		
			BDWT	1	1		
			TDCD	48	5		
			POCD	53	3		
			SFCD	110	6		
			OGAC	85	13		
			ARFL	19	4		
			STFC	17	6		
	Age: # of annuli, otolith	years	TDCD	9	3	see number	see number
			OGAC	46	8		
			STFL	19	5		
	Reproduction: testes, presence/absence	N/A	PCHR	20	5	see number	see number
			ARCS	26	7		
			BDWT	1	1		
			TDCD	12	3		
			POCD	15	4		
			SFCD	47	5		
			OGAC	58	11		
			ARFL	9	3		
			STFL	11	3		
	testes, relative developmental stage	N/A	TDCD	10	2	see number	see number
			POCD	13	3		
			SFCD	12	1		
			OGAC	21	5		
	testes, size	mm	PCHR	16	4	see number	see number
			ARCS	25	7		
			BDWT	1	1		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
	10% formalin					
see number	none, analysis on site, or 10% formalin; Note 15	to nearest mm	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	to nearest mm	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	
see number	Note 16	gadid otoliths split to reveal annuli; salmonid otoliths used 'as is'	NS	NS	2	Twenty more OGAC were aged but no structure given. Two ARFL also aged. Presumably they were all aged from otoliths. Scale samples exist for PCHR, ARCS, LKWT and BDWT. Otolith samples exist for TDCD, POCD, SFCD, OGAC, PCHR, ARFL and STFL.
see number	none, analysis on site, or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	gonads classified from 1 (immature) to 9 (recovering with old eggs); Note 8	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	width measured with calipers at widest point of excised organ	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
65-0002 Cont'd	testes, weight	g	TDCD	11	3	see number	see number
			POCD	13	3		
			SFCD	10	2		
			OGAC	27	8		
	ovaries, presence/absence	N/A	PCHR	41	7	see number	see number
			ARCS	23	5		
			LKWT	1	1		
			TDCD	35	5		
			POCD	43	4		
			SFCD	58	5		
			OGAC	62	12		
			ARFL	12	4		
			STFL	12	5		
	ovaries, relative developmental stage	N/A	TDCD	34	5	see number	see number
			POCD	37	3		
			SFCD	9	1		
			OGAC	8	2		
	ovaries, weight	g	TDCD	32	3	see number	see number
			POCD	39	3		
			SFCD	7	1		
			OGAC	30	6		
	egg diameter	mm	ARCS	18	5	see number	see number
			LKWT	1	1		
			TDCD	30	4		
			POCD	36	2		
			ARFL	1	1		
	Food: gut contents, identification	N/A	PCHR	70	9	see number	see number
			ARCS	50	7		
			LKWT	1	1		
			TDCD	20	3		
			POCD	30	3		
			SFCD	107	6		
			OGAC	118	14		
			ARFL	23	4		
			STFL	26	6		
	Parasitology: presence/absence by organ	N/A	TDCD	22	3	see number	see number
			SFCD	6	1		
			OGAC	23	2		
65-0061	Identification	N/A	CHAR	NS	1	gillnet	127 or 140 mm mesh sizes
	Morphometrics	lbs	CHAR	NS	1	gillnet	see identification
66-0005	Number: in gillnet	ones	NS	27	2	gillnet	114, 89, 63, & 38 mm mesh sizes; Note 1
	in trawl		DBSH	96	3	otter trawl	Note 6
			ASSC				
			STSC				
			RBSC				
			ARAF				

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	gonads classified from 1 (immature) to 9 (recovering with old eggs); Note 8	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 9	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 5	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	Note 10	N/A	N/A	N/A	
NS	none, analysis on site	identified by fishermen	N/A	N/A	N/A	
NS	none, analysis at fish plant	NS	NS	NS	2	Total production of 18,770 kg (dressed weight).
Note 1	none, analysis on site	counted by ones	NS	NS	2	
Note 6	none, analysis on site	counted by ones	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
66-0005 Cont'd	caught by bottom grab	ones	NS	4?	1	Van Veen grab	Note 3
	Identification:	NA	DBSH	18	1	otter trawl	see number
			ASSC	158	2		
			STSC	21	1		
			RBSC	49	1		
			ARAF	414	3		
	Morphometrics:						
	length, total	mm	DBSH	17	1	otter trawl	see number
			ASSC	146	2		
			STSC	21	1		
			RBSC	49	1		
			ARAF	414	3		
	length, standard	mm	ASSC	12	1	otter trawl	see number
	weight	g	DBSH	17	1	otter trawl	see number
			ASSC	153	2		
			STSC	12	1		
			RBSC	49	1		
			ARAF	398	2		
	Reproduction:						
	testes, presence/absence	N/A	ASSC	43	2	otter trawl	see number
			STSC	11	1		
			RBSC	19	1		
	ovaries, presence/absence	N/A	ASSC	109	2	otter trawl	see number
			STSC	9	1		
			RBSC	30	1		
			ARAF	8	1		
	egg diameter	mm	ASSC	3	1	otter trawl	see number
			STSC	5	1		
			ARAF	6	1		
	Food:						
	gut contents, identification	N/A	ASSC	6	4	otter trawl	see number
			STSC	2	1		
	Parasitology:						
	presence/absence, by organ	N/A	ASSC	3	1	otter trawl	see number
66-0061	Number:						
	in commercial fishery	ones	CHAR	NS	1	gillnet	140 mm mesh size
	Identification	N/A	CHAR	5448	1	gillnet	see number
	Morphometrics:						
	weight	lbs	CHAR	5448	1	gillnet	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
NS	10% formalin	counted by ones	NS	NS	N/A	
see number	none, analysis on site, or 10% formalin		N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	to nearest mm	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	to nearest mm	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	Note 9	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 5	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	Note 10	N/A	N/A	N/A	
NS	none, analysis on site	counted by ones	NS	NS	2	Ten fishermen utilized 50 nets.
NS	none, analysis on site	identified by fishermen	N/A	N/A	N/A	
NS	none, analysis at fish plant	NS	NS	NS	2	Total production of 15,058 kg (dressed weight).

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
67-0001	Number:						
	in gillnet	ones	TDCD	9?	4	gillnet	38, 63, 89, 114 & 140 mm mesh sizes; Note 1
			POCD				
			OGAC				
			SHSC				
	in trawl	ones	FDHR	15?	6	otter trawl	Note 6
			PAEP				
			PREP				
			TSEP				
			STEB				
			FLSB				
			DBSH				
			ASSC				
			THSC				
			STSC				
			RBSC				
			ARAF				
			ATPH				
			ASLS				
			GLSF				
	caught on rod & line	ones	NS	1?	1	rod & line	Note 3
	caught by handline	ones	NS	1?	1	hand held fishing line with baited hook	Note 3
	caught by jig	ones	TDCD	6?	2	jig	hook and line for snagging fish; Note 3
			OGAC				
	in bottom dredge	ones	ARAF	4?	3	bottom dredge	Note 3
	caught by bottom grab	ones	NS	3?	3	bottom grab	Note 3
	Identification:	N/A	TDCD	41	4	see number	see number
			POCD	36	2		
			OGAC	48	4		
			FHDR	2	2		
			PAEP	224	2		
			PREP	85	2		
			TSEP	14	2		
			STEB	79	1		
			FLSB	1	1		
			DBSH	1	1		
			ASSC	234	6		
			THSC	74	3		
			STSC	436	4		
			SHSC	8	1		
			RBSC	91	4		
			ARAF	148	4		
			ATPH	3	1		
			ASLS	2	1		
			GLSF	10	3		
	Morphometrics:						
	length, total	mm	TDCD	40	3	see number	see number
			FHDR	2	2		
			PAEP	224	2		
			PREP	85	2		
			TSEP	14	2		
			STEB	79	1		
			FLSB	1	1		
			DBSH	1	1		
			ASSC	234	6		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
Note 1	none, analysis on site	counted by ones	NS	NS	2	
Note 6	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	N/A	
NS	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	2	
NS	10% formalin	counted by ones	NS	NS	N/A	
see number	none, analysis on site, or 10% formalin	Note 4	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	to nearest mm	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
67-0001 Cont'd	length, total cont'd		THSC	74	3		
			STSC	436	4		
			SHSC	8	1		
			RBSC	91	4		
			ARAF	148	4		
			ATPH	3	1		
			ASLS	2	1		
			GLSF	10	3		
	length, fork	mm	TDCD	1	1	see number	see number
			POCD	34	2		
			OGAC	48	4		
	weight	g	TDCD	41	4	see number	see number
			POCD	36	2		
			OGAC	15	3		
			FHDR	2	2		
			PAEP	222	2		
			PREP	81	2		
			TSEP	14	2		
			STEB	79	1		
			FLSB	1	1		
			DBSH	1	1		
			ASSC	232	6		
			THSC	74	3		
			STSC	435	4		
			SHSC	8	1		
			RBSC	90	4		
			ARAF	145	4		
			ATPH	3	1		
			ASLS	2	1		
			GLSF	6	3		
	Age: # of annuli, scale	years	TDCD	7	1	see number	see number
			POCD	7	1		
	# of annuli, otolith	years	TDCD	20	1	see number	see number
			POCD	34	2		
			PAEP	17	2		
			STSC	33	2		
			RBSC	3	2		
	# of annuli, operculum	years	TDCD	13	1	see number	see number
	Reproduction: testes, presence/absence	N/A	TDCD	8	3	see number	see number
			POCD	13	2		
			OGAC	10	3		
			PAEP	1	1		
			PREP	2	1		
			ASSC	28	3		
			THSC	5	2		
			STSC	32	2		
			SHSC	2	1		
			RBSC	3	1		
			ARAF	7	2		
			GLSF	2	1		
	testes, relative developmental stage	N/A	TDCD	2	2	see number	see number
			POCD	1	1		
			OGAC	9	2		
			PAEP	1	1		
			PREP	1	1		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	none, analysis on site, or 10% formalin; Note 15	to nearest mm	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	
see number	Note 16	annuli counted with aid of microscope projector	NS	NS	2	
see number	Note 16	gadid otoliths split to reveal annuli; salmonid otoliths used 'as is'	NS	NS	2	Otolith samples exist for other species: OGAC, PREP, STEB, ASSC, THSC, ARAF, GLSF. In addition, 19 TDCD, 36 STSC, and 28 RBSC were aged, but no method given.
see number	Note 16	NS	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	gonads classified from 1 (immature) to 9 (recovering with old eggs); Note 8	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
67-0001 Cont'd	testes, relative developmental stage cont'd		ASSC	20	3		
			THSC	5	2		
			STSC	24	2		
			SHSC	2	1		
			RBSC	3	1		
			ARAF	5	2		
			GLSF	2	1		
	testes, size	mm	PAEP	1	1	see number	see number
			PREP	2	1		
			ASSC	8	2		
			THSC	2	1		
			STSC	13	1		
			RBSC	3	1		
			ARAF	6	1		
			GLSF	2	1		
	testes, weight	g	TOCD	8	3	see number	see number
			POCD	13	2		
			OGAC	10	3		
			ASSC	3	1		
			SHSC	2	1		
	ovaries, presence/absence	N/A	TOCD	28	3	see number	see number
			POCD	23	2		
			OGAC	5	3		
			PAEP	6	2		
			PREP	2	2		
			STEB	1	1		
			ASSC	33	3		
			THSC	4	2		
			STSC	37	2		
			SHSC	6	1		
			RBSC	4	1		
			ARAF	14	2		
			GLSF	2	1		
	ovaries, relative developmental stage	NA	TOCD	7	2	see number	see number
			POCD	1	1		
			OGAC	4	2		
			PAEP	6	2		
			PREP	2	2		
			STEB	1	1		
			ASSC	30	3		
			THSC	4	2		
			STSC	33	2		
			SHSC	6	2		
			RBSC	4	1		
			ARAF	14	2		
			GLSF	2	1		
	ovaries, weight	g	TOCD	28	3	see number	see number
			POCD	21	2		
			OGAC	5	3		
			STEB	1	1		
			ASSC	6	1		
			GLSF	1	1		
	egg diameter	mm	TOCD	1	1	see number	see number
			POCD	2	1		
			PAEP	6	2		
			PREP	1	1		
			STEB	1	1		
			ASSC	21	3		
			STSC	15	1		
			RBSC	1			
			ARAF	5	1		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	none, analysis on site, or 10% formalin; Note 15	width measured with calipers at widest point of excised organ	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	gonads classified from 1 (immature) to 9 (recovering with old eggs); Note 8	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 9	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
67-0001 Cont'd	Food: gut contents, identification	N/A	TDCD	25	4	see number	see number
			POCD	14	2		
			OGAC	14	3		
			PAEP	12	2		
			PREP	4	2		
			STEB	3	1		
			ASSC	63	3		
			THSC	7	2		
			STSC	65	2		
			SHSC	8	1		
			RBSC	8	2		
			ARAF	21	2		
			GLSF	4	2		
	Parasitology: presence/absence by organ	N/A	TDCD	1	1	gillnet	see number
67-0046	Number: in commercial fishery	ones	CHAR	NS	1	gillnet	32 m long; 140 mm mesh size
	identification	N/A	CHAR	9100	1	gillnet	see number
	Morphometrics: weight	lbs	CHAR	9100	1	gillnet	see number
68-0067	Number: in commercial fishery	ones	CHAR	NS	1	gillnet	68.6x2.4 m; 140 mm mesh size
	in commercial fishery	ones	CHAR	NS	1	gillnet	91.4x3.7 m; 140 mm mesh size
	in commercial fishery	ones	CHAR	NS	1	gillnet	45.7x3.0 m; 140 mm mesh size
	identification	N/A	CHAR	18159	3	gillnet	see number
	Morphometrics: weight	lbs	CHAR	18159	3	gillnet	see number
68-0068	Number: in gillnet	ones	TDCD POCD SHSC	5?	3	gillnet	38, 63, 89, and 114 mm sizes; Note 1
	in seine haul	ones	NS	3?	2	beach seine	Note 2
	in trawl	ones	FHDR PREP TSEP	8?	8	otter trawl	Note 6

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	none, analysis on site, or 10% formalin; Note 15	Note 5	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	Note 10	N/A	N/A	N/A	
NS	none, analysis on site	counted by ones	NS	NS	2	Thirteen fishermen utilized 52 nets.
NS	none, analysis on site	identified by fishermen	N/A	N/A	N/A	Sample size determined from total production and average weight given in report.
NS	none, analysis at fish plant	NS	NS	NS	2	Total production of 24,586 kg (dressed weight).
NS	none, analysis on site	counted by ones	NS	NS	2	Total effort was 1120 net-days.
NS	none, analysis on site	counted by ones	NS	NS	2	Total effort was 18 net-days.
NS	none, analysis on site	counted by ones	NS	NS	2	Total effort was 304 net-days.
NS	none, analysis on site	identified by fishermen	N/A	N/A	N/A	Sample size determined from total production and average weights given in report.
NS	none, analysis at fish plant	NS	NS	NS	2	Total production was 43,464 kg (round weight).
Note 1	none, analysis on site	counted by ones	NS	NS	2	
Note 2	none, analysis on site	counted by ones	NS	NS	2	
Note 6	none, analysis on site	counted by ones	NS	NS	2	No gear type given for PAEP, but probably was otter trawl. No gear type

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
68-0068 Cont'd	in trawl cont'd		FLSB				
			ASSC				
			THSC				
			STSC				
			ARSC				
			RBSC				
			ARAF				
			ATPH				
			ASLS				
			GLSF				
	in trawl	ones	NS	2?	2	stramen trawl	Note 11
	caught by plankton net	ones	NS	4?	4	plankton net	Note 3
	caught by bottom grab	ones	NS	20	1	bottom grab	Note 3
	identification	N/A	TDCD	84	2	see number	see number
			POCD	163	2		
			FHDR	15	4		
			PAEP	45	4		
			PREP	12	4		
			TSEP	7	2		
			FLSB	7	2		
			ASSC	74	6		
			THSC	239	5		
			STSC	107	7		
			SHSC	2	1		
			ARSC	1	1		
			RBSC	44	8		
			ARAF	236	7		
			ATPH	16	4		
			ASLS	17	3		
			GLSF	10	5		
	Morphometrics: length, total	mm	TDCD	23	1	see number	see number
			FHDR	15	4		
			PAEP	45	4		
			PREP	12	4		
			TSEP	7	2		
			FLSB	7	2		
			ASSC	74	6		
			THSC	239	5		
			STSC	107	7		
			SHSC	2	1		
			ARSC	1	1		
			RBSC	44	8		
			ARAF	235	6		
			ATPH	16	4		
			ASLS	17	3		
			GLSF	8	4		
	length, fork	mm	TDCD	60	1	see number	see number
			POCD	159	2		
	weight	g	TDCD	83	1	see number	see number
			POCD	159	2		
			FHDR	6	3		
			PAEP	24	3		
			PREP	7	3		
			TSEP	6	2		
			FLSB	1	1		
			ASSC	72	5		
			THSC	208	4		
			STSC	103	6		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
						for all PREP.
Note 11	none, analysis on site	counted by ones	NS	NS	2	
NS	10% formalin	counted by ones	NS	NS	2	
NS	10% formalin	counted by ones	NS	NS	N/A	
see number	none, analysis on site, or 10% formalin	Note 4	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	to nearest mm	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	to nearest mm	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	

Data Table - Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
68-0068 Cont'd	weight cont'd		SHSC	2	1		
			ARSC	1	1		
			RBSC	25	6		
			ARAF	213	6		
			ATPH	16	4		
			ASLS	16	3		
			GLSF	10	5		
	Age: # of annuli, otolith	years	ASSC	28	3	see number	see number
			THSC	1	1		
			STSC	30	1		
			RBSC	18	1		
			ASLS	8	2		
			GLSF	1	1		
	Reproduction: testes, presence/absence	N/A	TDCD	33	2	see number	see number
			POCD	62	1		
			FHDR	1	1		
			PREP	1	1		
			FLSB	6	2		
			ASSC	38	3		
			THSC	119	4		
			STSC	63	7		
			SHSC	2	1		
			ARSC	1	1		
			RBSC	18	5		
			ARAF	6	1		
			ASLS	6	3		
			GLSF	1	1		
	testes, relative developmental stage	N/A	TDCD	7	1	see number	see number
			POCD	23	1		
	testes, size	mm	FHDR	1	1	see number	see number
			SHSC	2	1		
			ARSC	1	1		
	testes, weight	g	TDCD	30	1	see number	see number
			POCD	59	1		
	ovaries, presence/absence	N/A	TDCD	49	1	see number	see number
			POCD	99	2		
			FLSB	1	1		
			ASSC	29	4		
			THSC	113	5		
			STSC	43	7		
			RBSC	26	7		
			ARAF	9	3		
			ASLS	7	3		
			GLSF	2	1		
	ovaries, relative developmental stage	N/A	TDCD	18	1	see number	see number
			POCD	26	1		
			ASSC	1	1		
			ARAF	1	1		
	ovaries, weight	g	TDCD	47	1	see number	see number
			POCD	92	1		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	Note 18	gadid otoliths split to reveal annuli; salmonid otoliths used 'as is'	NS	NS	2	TDCD and POCD were also aged but no method given (sample size of 84 and 158 respectively). One FHDR, no method, also aged. Unsampled otoliths exist for FHDR, FLSB, ASSC, THSC, STSC, SHSC, ARSC, RBSC, and ARAF.
see number	none, analysis on site, or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	gonads classified from 1 (immature) to 9 (recovering with old eggs); Note 8	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	width measured with calipers at widest point of excised organ	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	gonads classified as 1 (immature) to 9 (recovering with old eggs); Note 8	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
68-0068 Cont'd	egg diameter	mm	TDCD	23	1	see number	see number
			POCD	54	1		
			ASSC	1	1		
			RBSC	2	1		
	Food: gut contents, identification	N/A	TDCD	81	2	see number	see number
			POCD	142	2		
			FHDR	1	1		
			FLSB	3	2		
			ASSC	66	4		
			THSC	2	1		
			STSC	31	1		
			SHSC	2	1		
			ARSC	1	1		
			RBSC	10	2		
			ASLS	17	3		
			GLSF	2	2		
69-0067	Number: in commercial fishery	ones	CHAR	NS	2	gillnet	91.4x4.6 m; 140 mm mesh size
	identification	N/A	CHAR	24352	2	gillnet	see number
	Morphometrics: weight	lbs	CHAR	24352	2	gillnet	see number
69-0068	Number: in gillnet	ones	ARCS	Note 14	2	gillnet	unknown and 140 mesh size; Note 1
			SFCD				
	in trawl	ones	FHDR	61?	13	otter trawl	Note 6
			PAEP				
			PREP				
			TSEP				
			STEB				
			FLSB				
			ASSC				
			THSC				
			STSC				
			SHSC				
			RBSC				
			ARAF				
			ATPH				
			ASLS				
			GLSF				
	in trawl	ones	NS	2?	2	Isaacs-Kidd midwater trawl	Note 12
	in bottom dredge	ones	NS	2?	2	bottom dredge	Note 3
	caught by plankton net	ones	NS	3?	2	plankton net	Note 3
	caught by bottom grab	ones	NS	3?	2	bottom grab	Note 3
	identification	N/A	ARCS	7	1	see number	see number
			SFCD	2	1		
			FHDR	2	2		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	none; analysis on site, or 10% formalin; Note 15	Note 9	NS	NS	2	
see number	none; analysis on site, or 10% formalin; Note 15	Note 5	N/A	N/A	N/A	
NS	none, analysis on site	counted by ones	NS	NS	2	Total effort at Ekalluk R. was 897 net-days. Total effort at Halovik R. was 436 net-days.
NS	none, analysis on site	identified by fishermen	N/A	N/A	N/A	Sample size determined from total production and average weights given in report.
NS	none, analysis at fish plant	NS	NS	NS	2	Total production was 48,658 kg (round weight).
Note 1	none, analysis on site	counted by ones	NS	NS	2	
Note 6	none, analysis on site	counted by ones	NS	NS	2	
Note 12	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	2	
NS	10% formalin	counted by ones	NS	NS	2	
NS	10% formalin	counted by ones	NS	NS	N/A	
see number	none, analysis on site, or 10% formalin	Note 4	N/A	N/A	N/A	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
69-0068 Cont'd	Identification cont'd		PAEP	261	1		
			PREP	90	1		
			TSEP	20	1		
			STEB	6	2		
			FLSB	8	3		
			ASSC	383	7		
			THSC	273	2		
			STSC	860	4		
			SHSC	2	2		
			RBSC	7	4		
			ARAF	245	2		
			ATPH	1	1		
			ASLS	1	1		
			GLSF	12	1		
	Morphometrics:						
	length, total	mm	FHDR	2	2	see number	see number
			PAEP	260	1		
			PREP	90	1		
			TSEP	20	1		
			STEB	6	2		
			FLSB	8	3		
			ASSC	364	7		
			THSC	273	2		
			STSC	860	4		
			SHSC	2	2		
			RBSC	7	4		
			ARAF	245	2		
			ATPH	1	1		
			ASLS	1	1		
			GLSF	12	1		
	length, standard	mm	ASSC	19	2	see number	see number
	length, fork	mm	ARCS	7	1	see number	see number
	weight	g	FHDR	2	2	see number	see number
			PAEP	261	1		
			PREP	90	1		
			TSEP	20	1		
			STEB	6	2		
			FLSB	8	3		
			ASSC	383	7		
			THSC	273	2		
			STSC	860	4		
			SHSC	2	2		
			RBSC	7	4		
			ARAF	245	2		
			ATPH	1	1		
			ASLS	1	1		
			GLSF	12	1		
	Age:						
	# of annuli, otolith	years	ASSC	18	2	see number	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	none, analysis on site, or 10% formalin; Note 15	to nearest mm	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	to nearest mm	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	to nearest mm	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	
see number	Note 16	gadid otoliths split to reveal annuli; salmonid otoliths used 'as is'	NS	NS	2	Two PREP aged, no method given. Otoliths also collected from SFCD, FLSB, and ASSC. Scales collected from ARCS.

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
69-0068 Cont'd	Reproduction:						
	testes, presence/absence	N/A	ARCS	2	1	see number	see number
			SFCD	1	1		
			PAEP	1	1		
			PREP	6	1		
			ASSC	156	6		
			THSC	57	2		
			STSC	421	4		
			RBSC	4	4		
	testes, relative developmental stage	N/A	ARCS	2	1	see number	see number
			SFCD	1	1		
			PREP	1	1		
	testes, size	mm	ARCS	2	1	see number	see number
			PREP	5	1		
			ASSC	7	1		
	testes, weight	g	PREP	5	1	see number	see number
			ASSC	7	1		
	ovaries, presence/absence	N/A	ARCS	4	1	see number	see number
			SFCD	1	1		
			PREP	16	1		
			ASSC	210	7		
			THSC	60	2		
			STSC	360	3		
			RBSC	3	2		
	ovaries, relative developmental stage	N/A	ARCS	4	1	see number	see number
			SFCD	1	1		
			PREP	2	1		
	ovaries, weight	g	PREP	14	1	see number	see number
			ASSC	12	2		
	egg diameter	mm	ARCS	4	1	see number	see number
			PREP	14	1		
			ASSC	12	2		
	Food:						
	gut contents, identification	N/A	ARCS	5	1	see number	see number
			SFCD	1	1		
			PAEP	3	1		
			PREP	25	1		
			TSEP	1	1		
			ASSC	19	2		
			THSC	18	1		
	Parasitology:						
	presence/absence by organ	N/A	ASSC	9	2	see number	see number
			THSC	7	1		
70-0014	Number:						
	in trawl		FHDR	147	6	otter trawl	Note 6
			SDEP				
			PAEP				
			PREP				

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	none, analysis on site, or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	gonads classified as 1 (immature) to 9 (recovering with old eggs); Note 8	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	testes width measured with calipers at widest point of excised organ	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	gonads classified as 1 (immature) to 9 (recovering with old eggs); Note 8	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 9	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 5	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	Note 10	N/A	N/A	N/A	
Note 6	none, analysis on site	counted by ones	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
70-0014 Cont'd	In trawl cont'd		TSEP				
			STEB				
			NRSL				
			ASSC				
			THSC				
			STSC				
			RBSC				
			ARAF				
			GLSF				
	In trawl	ones	NS	6	6	Isaacs-Kidd mid-water trawl	Note 12
	caught by bottom grab	ones	NS	67	2	bottom grab	Note 3
	caught by spear	ones	NS	NS	1	spear	Note 3
	Identification:	N/A	TDCD	38	1	see number	see number
			POCD	21	1		
			FHDR	14	4		
			SDEP	1	1		
			PAEP	166	2		
			PREP	162	2		
			TSEP	6	1		
			STEB	84	2		
			NRSL	1	1		
			ASSC	363	5		
			THSC	130	2		
			STSC	698	4		
			RBSC	13	3		
			ARAF	395	5		
			GLSF	5	2		
	Morphometrics: length, total	mm	FHDR	14	4	see number	see number
			SEDP	1	1		
			PAEP	166	2		
			PREP	162	2		
			TSEP	6	1		
			STEB	84	2		
			NRSL	1	1		
			ASSC	363	5		
			THSC	130	2		
			STSC	698	4		
			RBSC	13	3		
			ARAF	395	5		
			GLSF	5	2		
	length, fork	mm	TDCD	37	1	see number	see number
			POCD	21	1		
	weight	g	TDCD	38	1	see number	see number
			POCD	21	1		
			FHDR	14	4		
			SDEP	1	1		
			PAEP	166	2		
			PREP	162	2		
			TSEP	6	1		
			STEB	84	2		
			NRSL	1	1		
			ASSC	363	5		
			THSC	130	2		
			STSC	698	4		
			RBSC	13	3		
			ARAF	395	5		
			GLSF	5	2		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
Note 12	none, analysis on site	counted by ones	NS	NS	2	
NS	10% formalin	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 4	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	to nearest mm	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	to nearest mm	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
70-0014 Cont'd	Age:						
	# of annuli, otolith	years	ASSC	54	3	see number	see number
	Reproduction:						
	testes, presence/absence	N/A	TDCD	19	1	see number	see number
			POCD	9	1		
			FHDR	3	2		
			PAEP	45	2		
			PREP	30	1		
			STEB	29	1		
			ASSC	170	5		
			THSC	48	2		
			STSC	366	4		
			RBSC	2	1		
			ARAF	45	3		
			GLSF	2	1		
	testes, relative developmental stage	N/A	TDCD	3	1	see number	see number
			POCD	2	1		
			FHDR	3	2		
			PAEP	45	2		
			PREP	30	1		
			STEB	29	1		
			ASSC	138	3		
			THSC	30	2		
			STSC	366	4		
			RBSC	1	1		
			ARAF	43	3		
			GLSF	2	1		
	testes, size	mm	FHDR	2	1	see number	see number
			PAEP	2	1		
			PREP	2	1		
			STEB	27	1		
			ASSC	45	5		
			THSC	1	1		
			STSC	115	3		
			RBSC	1	1		
			ARAF	31	3		
			GLSF	2	1		
	testes, weight	g	TDCD	17	1	see number	see number
			POCD	9	1		
			PAEP	1	1		
			PREP	1	1		
			STEB	4	1		
			ASSC	37	5		
			THSC	1	1		
			STSC	20	1		
			RBSC	1	1		
			GLSF	1	1		
	ovaries, presence/absence	N/A	ODCD	19	1	see number	see number
			POCD	12	1		
			FHDR	3	2		
			PAEP	58	2		
			PREP	46	1		
			STEB	25	1		
			ASSC	172	5		
			THSC	60	2		
			STSC	329	4		
			RBSC	11	3		
			ARAF	76	3		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	Note 16	gadid otoliths split to reveal annuli; salmonid otoliths used 'as is'	NS	NS	2	Four others aged, but no method given.
see number	none, analysis on site, or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	
see number	none, analysis on site, or 10% formalin; Note 15	gonads classified as 1 (immature) to 9 (recovering with old eggs); Note 8	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	width measured with calipers at widest point of excised organ	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
70-0014 Cont'd	ovaries, relative developmental stage	N/A	TDCD	3	1	see number	see number
			POCD	2	1		
			FHDR	3	2		
			PAEP	58	2		
			PREP	46	1		
			STEB	25	1		
			ASSC	163	5		
			THSC	39	2		
			STSC	328	4		
			RBSC	3	2		
			ARAF	74	3		
	ovaries, weight		TDCD	19	1	see number	see number
			POCD	12	1		
			FHDR	3	2		
			PREP	2	1		
			PREP	1	1		
			STEB	25	1		
			ASSC	38	5		
			THSC	5	1		
			STSC	120	3		
			RBSC	9	3		
			ARAF	3	1		
	egg, diameter		FHDR	3	2	see number	see number
			PAEP	5	1		
			PREP	10	1		
			STEB	25	1		
			ASSC	24	5		
			THSC	5	1		
			STSC	127	4		
			RBSC	10	3		
			ARAF	1	1		
	Food: gut contents, identification	N/A	TDCD	33	1	see number	see number
			POCD	21	1		
			STEB	1	1		
			THSC	2	1		
70-0068	Number: in commercial fishery	ones	CHAR	NS	3	gillnet	91.4 m long; 20 meshes deep; 140 mm mesh size
	identification	N/A	CHAR	11035	3	gillnet	see number
	Morphometrics: weight	lbs	CHAR	11035	3	gillnet	see number
70-0070	Number: in gillnet	ones	NS	1	1	gillnet	variable mesh netting, 1.5x 45.7 m
	killed by poison	ones	NS	1	1	poison	NS

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	none, analysis on site, or 10% formalin; Note 15	gonads classified as 1 (immature) to 9 (recovering with old eggs); Note 8	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 7	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 9	NS	NS	2	
see number	none, analysis on site, or 10% formalin; Note 15	Note 5	N/A	N/A	N/A	
NS	none, analysis on site	counted by ones	NS	NS	2	Total effort was 648 net-days (Halovik R.), 78 net-days (Lauchlan R.) and 279 net-days (Palliryuak R.)
NS	none, analysis on site	identified by fishermen	N/A	N/A	N/A	Sample size determined from total producition and average weights given in report.
NS	none, analysis at fish plant	NS	NS	NS	2	Total production was 34 587 kg (round weight)
set in channels between floating ice	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	N/A	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
70-0070 Cont'd	caught by hand	ones	NS	21	2	dipnet	
	Identification:	N/A	ARCD	2	NS	see number	see number
			FHDR	2	NS		
			RBEP	1	1		
			ASSC	12	NS		
			FHSC	1	1		
			SHSC	19	NS		
			ATSF	1	1		
			DSSF	1	1		
			OTHER[1]	8	NS		
	Reproduction: testes, presence/absence	N/A	FHSC	1	1	see number	see number
71-0108	Number: caught by hand	ones	ATSF OTHER	8	1	dipnet	NS
	Identification:	N/A	ATSF[1]	1	1	dipnet	
			OTHER[2]	7	1		
71-0110	Identification	N/A	CHAR OTHER[1]	NS	3	gillnet	45-90 m long; 20-30 meshes deep; 140-165 mm mesh size
	Morphometrics: length, fork	mm	CHAR	100	1	gillnet	see identification
	weight	g	CHAR	100	1	gillnet	see identification
	Age: # of annuli, otolith	years	CHAR	95	1	gillnet	see identification

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
fish captured in dipnet by SCUBA divers	none, analysis on site	counted by ones	NS	NS	N/A	Twenty-one SCUBA dives were made. Selective sampling. Most specimens obtained by this method.
see number	formalin	NS	N/A	N/A	N/A	Specimens available at Royal Ontario Museum. ATSF and DSSF re-examined by Able and McAllister (1980). [1]*Lycodes* sp. (1) and *Gymnelus* sp. (7).
see number	formalin	NS	N/A	N/A	N/A	Described as a ripe male.
fish captured with dipnets by SCUBA divers	NS	NS	NS	NS	N/A	Eight dives made.
see number	NS	NS	N/A	N/A	N/A	Specimens available at Royal Ontario Museum. [1]Specimen destroyed, but photographic record exists. Re-identified as KPSF (Able and McAllister 1980). [2]Lycodidae (2) and Cottidae (5).
bottom sets; lifted twice daily; set at river mouths and estuaries	none, analysis on site	identified by fishermen	N/A	N/A	N/A	Barlishen & Weber (1973) give mesh size of 140 mm. [1]LKWT, BDWT, and LKTR captured incidentally in the fishery.
see identification	none, analysis on site	to nearest mm	NS	NS	3	
see identification	none, analysis on site	to nearest 50 g; round weight measured	NS	NS	2	Total dressed weight from the 3 fished areas was 40 909 kg.
see identification	dry in envelopes	ground on a carborundum stone; immersed in a 3:1 solution of benzyl-benzoate and methyl salicylate on a depression slide, and annuli counted with aid of a dissecting microscope	NS	NS	4	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
72-0016	Number:						
	caught on rod & line	ones	CHAR	1	1	rod & line	NS
	Identification	N/A	CHAR	1	1	rod & line	NS
72-0113	Number:						
	in gillnet	ones	CHAR OTHER	NS	1	gillnet	experimental nets; 140 mm size
	in commercial fishery	ones	CHAR OTHER	NS	4	gillnet	45-90 m long; 20-30 meshes deep; 140-165 mm mesh size
	Identification	N/A	CHAR OTHER[2]	13407[1]	5	gillnet	see number
	Morphometrics:						
	length, fork	mm	CHAR	821	4	gillnet	see number
	weight	g	CHAR	821[1]	4	gillnet	see number
	Age:						
	# of annuli, otolith	years	CHAR	407	4	gillnet	see number
72-0114	Number:						
	caught by hand	ones	FHDR SDEP AREP ASSC STSC FHSC RBSC KPSF	NC	NS	hand	
	observed	ones	OTHER[1]	19	NS	eye	

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
NS	none, analysis on site	counted by ones	NS	NS	N/A	
NS	NS	NS	N/A	N/A	N/A	
NS	none, analysis on site	counted by ones	NS	NS	2	Experimental fishery by Fisheries personnel.
bottom sets; lifted twice daily; set at river mouths and estuaries	none, analysis on site	counted by ones	NS	NS	2	Barlishen & Weber (1973) give dimensions of 91.4 m long and 22 meshes deep and mesh size of 159 mm. Total effort was 1560 net-days.
see number	none, analysis on site	identified by fishermen	N/A	N/A	N/A	[1] 13,256 from commercial fishery. [2] LKWT, BDWT and LKTR captured incidentally in the fishery.
see number	none, specimens measured on site or at processing plant	to nearest mm	NS	NS	3	
see number	none, specimens measured on site or at processing plant	to nearest 50 g; round weight measured on site and dressed weight (gills and viscera removed) at processing plant	NS	NS	2	[1] Round weight measured on 395 specimens and dressed weight on 426. Total dressed weight of the 13,256 commercially caught specimens was 48,207 kg.
see number	dry in envelopes	ground on a carborundum stone; immersed in a 3:1 solution of benzyl-benzoate and methyl salicylate on a depression slide, and annuli counted with aid of a dissecting microscope	NS	NS	4	
collected by SCUBA divers	none, analysis on site	counted by ones	NS	NS	N/A	
collected by SCUBA divers;	none, analysis on site	counted by ones	NS	NS	N/A	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
72-0114 Cont'd	observed cont'd						
	Identification:	N/A	FHDR	21	NS	hand,	see number
			SDEP	3	NS	eye	
			AREP	2	1		
			ASSC	2	NS		
			STSC	6	NS		
			FHSC	7	NS		
			RBSC	2	NS		
			KPSF	1	1		
			OTHER[1]	148	NS		
	Morphometrics:						
	length, total	mm	FHDR	21	NS	hand,	see number
			SDEP	3	NS	eye	
			AREP	1	1		
			ASSC	2	NS		
			STSC	6	NS		
			FHSC	7	NS		
			RBSC	2	NS		
			KPSF	1	1		
			OTHER[1]	148	NS		
	weight	g	FHDR	10	NS	see number	see number
			SDEP	2	NS		
			AREP	1	1		
			ASSC	2	NS		
			STSC	4	NS		
	Age:						
	# of annuli, otolith	years	FHDR	10	NS	hand	see number
			SDEP	2	NS		
			AREP	1	1		
			ASSC	2	NS		
			STSC	4	NS		
	Food:						
	gut contents, identification	N/A	FHDR	3	NS	hand	see number
			SDEP	1	1		
			AREP	1	1		
			ASSC	1	1		
			STSC	1	1		
72-0115	Number:						
	caught on rod & line	ones	ARCD	NS	NS	rod & line	small barbless hooks
			SHSC				
	caught by hand	ones	ARCD	NS	NS	dipnet	0.75 mm mesh size; by divers
			FHDR				
			RBEP				
			SDEP				
			SFKR				
			ASSC				
			THSC				
			STSC				
			SHSC				
			ATSF				
			GLSF				

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
number of fish counted along a transect of 1X 32 m; depths of 6, 10, and 18 m						
see number	10% formalin, but switched to 50% ethyl alcohol	identified at Royal Ontario Museum by W.B. Scott	N/A	N/A	N/A	[1]Observed fish identified to family (1 gadid, 49 zoarcids, 96 cottids, and 2 liparids).
see number	10% formalin, but switched to 50% ethyl alcohol	NS; lengths of OTHER estimated by eye	NS	NS	2	Fish appear to have been measured twice - once at Royal Ontario Museum and at a later date; the latter measurements are lower.
see number	10% formalin, but switched to 50% ethyl alcohol	NS	NS	NS	2	
see number	10% formalin, but switched to 50% ethyl alcohol	otoliths split and cleaned	NS	NS	2	
see number	10% formalin, but swtiched to 50% ethyl alcohol	NS	N/A	N/A	N/A	
fished through cracks in sea ice	none, anaysis on site	counted by ones	NS	NS	N/A	
depth of few cm to 10 m	none, analysis a on site	counted by ones	NS	NS	N/A	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
72-0115 Cont'd	Identification:	N/A	ARCD	41	NS	see number	see number
			FHDR	22	NS		
			RBEP	1	1		
			SDEP	1	1		
			SFKR	14	NS		
			ASSC	1	1		
			THSC	2	NS		
			STSC	7	NS		
			SHSC	5	NS		
			ATSF	3	NS		
			GLSF	1	1		
72-0116	Number:						
	In trap	ones	NSSB	NS	1	trap	wire minnow trap; covered with fine nylon mesh; baited with liver and fish
	caught by hand	ones	ARCD	NS	1	dipnet	fine mesh dipnet by SCUBA divers or from dive hole
			FHDR				
			SDEP				
			PREP				
			ASSC				
			THSC				
			STSC				
			RBSC				
			BTSF				
			GLSF				
	Identification:	N/A	ARCD	NS	1	see number	see number
			FHDR	8	1		
			SDEP	1	1		
			PREP	1	1		
			ASSC	1	1		
			THSC	2	1		
			STSC	16	1		
			RBSC	7	1		
			BTSF[1]	5	1		
			GLSF	1	1		
			NSSB	1	1		
	Food:						
	gut contents, number of individuals	ones	NS	NS	1	see number	see number
73-0129	Identification	N/A	CHAR	NS	4	gillnet	45-90 m long; 20-30 meshes deep; 140-165 mm mesh size
			OTHER[1]				
	Morphometrics:						
	length, fork	mm	CHAR	205	2	gillnet	see identification
	weight	g	CHAR	197	2	gillnet	see identification

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	preserved but method NS	McAllister (1960; 1963). Verified by A.R. Emery, Royal Ontario Museum	N/A	N/A	N/A	Specimens were deposited at Royal Ontario Museum. FHSC are not mentioned in published report, but field notes list 2 specimens captured. Some sample sizes given differ between field notes and published account. Resolute Bay is far from other locations where SFKR previously reported (see Hunter et al. 1984).
set at undersurface of ice or at midwater; set duration 10-12 h	NS	counted by ones	NS	NS	2	Some ARCD were also obtained from *Cyanea capillata* (a medusa).
depth: 10-13 m; 7 dives	NS	counted by ones	NS	NS	N/A	
see number	NS	D.E. McAllister, National Museum of Canada, is acknowledged for identifications	N/A	N/A	N/A	Specimens deposited at National Museum of Canada. Re-identified as KPSF (see Able and McAllister 1980).
see number	NS	NS	NS	NS	2	
bottom sets: lifted twice daily; set at river mouths and estuaries	none, analysis on site	identified by fishermen	N/A	N/A	N/A	[1] LKWT, BDWT and LKTR captured incidentally in the fishery.
see identification	none, analysis on site	to nearest mm	NS	NS	3	
see identification	none, analysis on site	to nearest 50 g; round weight measured	NS	NS	2	Total production of fishery was 28,492 kg (round weight).

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
73-0129 Cont'd	Age: # of annuli, otolith	years	CHAR	68	1	gillnet	see identification
74-0015	Number: caught on longline	ones	SHSC	1	1	longline	60 m line; 13 hooks of 5 sizes from 5-9 cm in length set at 2.0-2.5 m intervals along line.
	caught on longline	ones	GRSH	3	3	longline	550 m line; hooks of 5 sizes from 5-9 cm in length set at 2.0-2.5 m intervals along line
	caught by jig	ones	SHSC	NS	1	jig	treble hook spoon, sometimes baited
	in bottom dredge	ones	ASSC	4	4	dredge	B.C. Research manufactured scraper/skid type net dredge; 7.5 x 7.5 cm at mouth; length of 1.5 m; 1.3 cm mesh size of knotless nylon
	in bottom dredge	ones	ARCD FHDR BESC	4	4	dredge	as above, but mounted on a sled
	Identification:	N/A	GRSH ARCD FHDR	1 2 3	1 1 2	see number	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see identification	dry in envelopes	ground on a carborundum stone; immersed in a 3:1 solution of benzyl-benzoate and methyl salicylate on a depression slide, and annuli counted with aid of a dissecting microscope	NS	NS	4	
set from shore; depth: 0 to 4.0 m; set duration: 20.5 h.	none; analysis on site	counted by ones	NS	NS	2	
generally set parallel to shore; depths of 270-290, 110-120, and 55-80 m respectively; set duration of 20, 20, and 48 h respectively	none; analysis on site	counted by ones	NS	NS	2	
depth <10 m	none; analysis on site	counted by ones	NS	NS	2	
towed from a rowboat; tow depth: <10 m; tow duration: up to 15 min.	4% formalin (except) SHSC	counted by ones	NS	NS	2	
towed parallel to shore from a 10.7 m lobster boat; tow depths of 35-40, 75-80 115-120, and 165-250 m respectively; tow duration of 10, 10, 10, and 50 min. respectively	4% formalin	counted by ones	NS	NS	2	
see number	4% formalin, except for SHSC used in metal	NS	N/A	N/A	N/A	Some specimens deposited at National Museum of Canada. Identification of

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
74-0015 Cont'd	Identification cont'd		ASSC	21	NS		
			SHSC	14	NS		
			BESC	1	1		
			LFLS	5	NS		
	Morphometrics: length	cm	SHSC	14	NS	see number	see number
	weight	kg	SHSC	14	NS	see number	see number
74-0026	Number: in gillnet	ones	ARCD	6	6	gillnet	multifilament nylon; gangs of several different combinations of mesh sizes in 1.8x45.7 m panels: a) 13, 51, 64, 76, 102, 114, 127 mm mesh sizes b) 64, 89, 114, and 140 c) 13 and 63 mm mesh sizes d) 38, 63, 89, 114 and 140 mm mesh sizes; (stretched mesh measure)
			ASSC				
			FHSC				
			ARSC				
			SHSC				
			OTHER				
	in trapnet	ones	FHSC	5	2	Beamish trapnet	two sizes: a) box of 0.9x0.9 m and b) box of 1.8x1.8 m; fine screen mesh size (bridal veil)
			ARSC				
			SHSC				
			OTHER				
	in seine	ones	ARCD	1	1	seine	beach seine; 60 ft in length; mesh size of 1/4 inch (Raschel)
	caught on longline	ones	none?	1	1	longline	NS
	Identification:	N/A	ARCD	1	1	see number	see number
			FHDR	NS	NS		
			SDEP	NS	NS		
			ARAF	NS	NS		
			ASSC	2	2		
			STSC	NS	NS		
			FHSC	205	9		
			ARSC	50	6		
			SHSC	380	9		
			RBSC	NS	NS		
			OTHER[1]				
	Morphometrics: length, total	mm	ASSC	2	2	gillnet	see number
			FHSC	176	4		
			ARSC	27	2		
			SHSC	259	4		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
	analyses					LFLS probably in error as National Museum of Canada lists ASLS. Arctogadus sp. is also listed as being deposited.
see number	NS	NS	NS	NS	2	Type of length measurement not specified.
see number	NS	NS	NS	NS	2	
both floating and bottom nets; depth: 2-46 m; set duration: 24-29 h	none, analysis on site	counted by ones	NS	NS	2	
depth: 2-5 m; set duration: 24-48 h	none, analysis on site	counted by ones	NS	NS	2	
depth of 1 m	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	2	
see number	most sampled on site; some preserved in 10% formalin	McAllister (1960) and Leim and Scott (1966)	N/A	N/A	N/A	[1] Unidentified cottids.
see number	none, analysis on site	fish measuring board, to nearest mm	NS	NS	3	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
74-0026 Cont'd	weight	g	ASSC	2	2	gillnet	see number
			FHSC	176	4		
			ARSC	27	2		
			SHSC	259	4		
	# of pyloric carca	ones	FHSC	17	1	gillnet	see number
			ARSC	13	1		
			SHSC	151	3		
	# of fin rays	ones	FHSC	16	2	gillnet	see number
			ARSC	15	2		
			SHSC	131	3		
	Age: # of annuli, otolith	ones	ASSC	1	1	gillnet	see number
			FHSC	26	2		
			ARSC	26	2		
			SHSC	254	4		
	# of annuli, spine	ones	ASSC	1	1	gillnet	see number
			FHSC	26	2		
			ARSC	14	2		
			SHSC	256	4		
	Reproduction: testes, presence/absence	N/A	FHSC	101	3	gillnet	see number
			ARSC	2	1		
			SHSC	115	3		
	testes, relative developmental stage	N/A	FHSC	101	3	gillnet	see number
			ARSC	2	1		
			SHSC	115	3		
	ovaries, presence/absence	N/A	ASSC	1	1	gillnet	see number
			FHSC	67	4		
			ARSC	24	2		
			SHSC	143	4		
	ovaries, relative developmental stage	N/A	ASSC	1	1	gillnet	see number
			FHSC	67	4		
			ARSC	24	2		
			SHSC	143	4		
	egg diameter	mm	ARSC	1	1	gillnet	see number
			SHSC	1	1		
	Food: gut contents, % full	NS	ASSC	1	1	gillnet	see number
			FHSC	21	2		
			ARSC	22	2		
			SHSC	176	4		
	gut contents, identification	N/A	FHSC	5	1	gillnet	see number
			SHSC	24	2		
	Parasitology: presence/absence	N/A	ASSC	2	2	gillnet	see number
			FHSC	176	4		
			ARSC	27	2		
			SHSC	259	4		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	none, analysis on site	calibrated chatillon spring scale	NS	NS	3	
see number	none, analysis on site	counted by ones	NS	NS	3	
see number	none, analysis on site	pectoral fin rays counted by ones	NS	NS	3	
see number	dry	annuli counted with microscope	NS	NS	4	Number of samples refers to number of otoliths taken - all were not necessarily aged
see number	dry	dorsal fin and pectoral fin spines; mounted, sectioned and annuli counted with aid of microscope	NS	NS	4	Utilized to substantiate ages obtained from otoliths. Number of samples refers to number of spines taken - all were not aged.
see number	none, analysis on site	gross examination	N/A	N/A	N/A	
see number	none, analysis on site	gonads classified as 6 (immature) to 10 (spent); Note 17	NS	NS	2	
see number	none, analysis on site	gross examination	N/A	N/A	N/A	
see number	none, analysis on site	gonads classified as 1 (immature) to 5 (spent); Note 17	NS	NS	2	
see number	none, analysis on site	measured on fish measuring board	NS	NS	2	
see number	none, analysis on site	NS	N/A	N/A	N/A	
see number	none, analysis on site	general identification: gastropods, pelycepods, etc.	N/A	N/A	N/A	
see number	none, analysis on site	presence of parasites noted from various organs	N/A	N/A	N/A	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
74-0122	Identification	NS	CHAR OTHER[1]	NS	4	gillnet	45-90 m long; 20-30 meshes deep; 140-165 mm mesh size
	Morphometrics: length, fork	mm	CHAR	407	3	gillnet	see identification
	weight	g	CHAR	407[1]	3	gillnet	see identification
	Age: # of annuli, otolith	years	CHAR	243	3	gillnet	see identification
74-0124	Number: caught by hand	ones	ARCD FHDR SDEP PREP ASSC THSC STSC RBSC BTSF GLSF	NS	2	dipnet	fine mesh dipnet by SCUBA divers or from dive hole
	Identification:	N/A	ARCD	NS	NS	dipnet	see number
			FHDR	48	NS		
			SDEP	4	NS		
			PREP	6	NS		
			ASSC	7	NS		
			THSC	1	1		
			STSC	63	NS		
			RBSC	15	NS		
			BTSF[1]	4	NS		
			GLSF	2	NS		
	Food: gut contents, number of individuals	ones	NS	NS	NS	see number	see number
	gut contents, identification	N/A	NS	NS	NS	see number	see number
75-0013	Number: in gillnet	ones (#/ stan-	CHAR FHSC ARSC	15	11	gillnet	monofilament nylon; 2.4 × 137.7 m; 9

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
bottom sets; lifted twice daily; set at river mouth's and estuaries	none, analysis on site	identified by fishermen	N/A	N/A	N/A	[1]LKWT, BDWT and LKTR captured incidentally in the fishery.
see identification	none, on site or at processing plant	to nearest mm	NS	NS	3	
see identification	none, on site or at processing plant	to nearest 50 g; round weight measured on site and dressed weight (gills and viscera removed) at processing plant	NS	NS	2	[1]Round weight measured on 135 specimens and dressed weight on 272 specimens. Total production of fishery was 30,707 kg (round weight).
see identification	dry in envelopes	ground on a carborundum stone; immersed in a 3:1 solution of benzyl-benzoate and methyl salicylate on a depression slide, and annuli counted with aid of a dissecting microscope	NS	NS	4	
10 dives; depth of 9-10 m at diving hole to 1 m near shore	none, analysis on site	counted by ones	NS	NS	N/A	Some ARCD were also obtained from *Cyanea capillata* (a medusa)
see number	NS	D.E. McAllister, National Museum of Canada, is acknowledged for identifications.	N/A	N/A	N/A	[1]Re-identified as KPSF (see Able and McAllister 1980).
see number	NS	NS	NS	NS	2	
see number	NS	NS	N/A	N/A	N/A	
set perpendicular to shore; depth:	none, analysis on site	counted by ones	NS	NS	2	9 stations at Creswell Bay and 2 at Assistance Bay (but no fish caught at

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
75-0013 Cont'd	in gillnet cont'd	dard gillnet gang/ hour)	SHSC				panels of 1.9, 7.6, 5.1, 11.4, 2.5, 6.4, 10.2, 3.8 and 8.9 cm mesh sizes respectively (stretched mesh measure)
	caught on rod and reel	ones	CHAR	5	1	rod and reel	NS
	caught by plankton net	ones (#/10 min. tow)	ARCD ASSC OTHER	8	8	plankton net	0.5 m diameter; 75 um mesh size
	found dead	ones	FHDR	1	1	found dead	NS
	Identification:	N/A	CHAR	235	6	see number	see number
			ARCD	26	6		
			FHDR	1	1		
			ASSC	1	1		
			FHSC	30	7		
			ARSC	5	2		
			SHSC	2	1		
			OTHER[1]	4	2		
	Morphometrics: length, total	mm	FHSC	30	7	see number	see number
			ARSC	5	2		
			SHSC	2	1		
	length, fork	mm	CHAR	235	6	see number	see number
	weight	g	CHAR	235	6	see number	see number
	Age: # of annuli, otolith	years	CHAR	230	6	see number	see number
	Reproduction: testes, presence/absence	N/A	CHAR	112	NS	see number	see number
			FHSC	10	NS		
	testes, relative developmental stage	N/A	CHAR	112	NS	see number	see number
			FHSC	10	NS		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
0.9 to >20 m; set duration: 0.08 -26 h						latter site). After ice damage, the gillnet was reduced by 2 panels (the 5.1 and 8.9 cm mesh sizes).
NS	none, analysis on site	counted by ones	NS	NS	N/A	
towed from a zodiac; tow depth: usually 0, but one sample from 15 m^2; tow duration: usually 10 min.	10% formalin	counted by ones	NS	NS	2	6 stations (surface) at Creswell Bay and 2 (surface and one at 15 m) at Assistance Bay.
NS	NS	counted by ones	NS	NS	N/A	
see number	CHAR - analyzed on site; others 10% formalin	D.E. McAllister, National Museum of Canada, verified some identifications	N/A	N/A	N/A	[1]*Myoxocephalus* sp. and *Liparis* sp.
see number	10% formalin	length from tip of snout to tip of the tail	NS	NS	2	
see number	none, analyzed on site within 24 h	length from tip of snout to middle of tail	NS	NS	2	
see number	none, analyzed on site within 24 h					
see number	refer to Sekerak and Graves (1975)	refer to Sekerak and Graves (1975)	NS	NS	2	
see number	CHAR - none, analysis on site; FHSC - 10% formalin	NS	N/A	N/A	N/A	
see number	CHAR - none, analysis on site; FHSC - 10% formalin formalin	CHAR - classified as either immature, mature non-spawners, or spawners, or mature green (ie. would spawn in next spawning period); FHSC - classified as either immature or mature	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
75-0013 Cont'd	ovaries presence/absence	N/A	CHAR	122	NS	see number	see number
			FHSC	19	NS		
	ovaries, relative developmental stage	N/A	CHAR	122	NS	see number	see number
			FHSC	19	NS		
	egg diameter	mm	CHAR	116	NS	see number	see number
	egg number	ones	CHAR	3	NS	see number	see number
	Food:						
	gut contents, number of individuals	ones	CHAR	82	5	see number	see number
			FHSC	30	7		
			ARSC	5	2		
			SHSC	2	1		
	gut contents, identification	N/A	CHAR	82	5	see number	see number
			FHSC	30	7		
			ARSC	5	2	see number	see number
			SHSC	2	1		
75-0030	Number:						
	in gillnet	ones	FHSC	9	1	gillnet	multifilament nylon; 1) 1.8x 45.7 m; 6 panels of various mesh sizes 2) 1.8x 30.5 m; 1 panel of 89 mm mesh size 3) 1.8x 36.6 m; 1 panel of 89 mm mesh size.
			ARSC				
			SHSC				
			OTHER				

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	CHAR - none, analysis on site; FHSC - 10% formalin	NS	N/A	N/A	N/A	
see number	CHAR - none, analysis on site; FHSC - 10% formalin	CHAR - classified as either immature, mature non-spawners, or mature green (ie. would spawn in next spawning period); FHSC - classified as either immature or mature	NS	NS	2	
see number	NS	NS	NS	NS	2	
see number	NS	NS	NS	NS	2	
see number	CHAR - stomachs removed within 24 h and preserved in 10% formalin; contents removed in lab and transferred to 70% ethyl alcohol. Sculpins - preserved *in situ* with abdominal walls slit.	Subsample of contents obtained by repeated dilutions (with water) and fractionations until desired amount achieved. Organisms counted by ones for subsample and total for sample calculated by ratios.	NS	NS	2	153 CHAR stomachs not analyzed.
see number	CHAR - stomachs removed within 24 h and preserved in 10% formalin; contents removed in lab and transferred to 70% Sculpins - preserved *in situ* with abdominal walls slit.	Subsample of contents obtained by repeated dilutions (with water) and fractionations until desired amount achieved. Organisms counted sample and total for sample calculated by ratios. Identified to species where possible.	N/A N/A	N/A N/A	N/A N/A	Number sampled includes those stomachs which were empty.
bottom sets; depth: 1-25 m; duration: 12-24 h	none, analysis on site	counted by ones	NS	NS	2	Set duration and depth not always recorded. Not included is one sample of approximately 100 sculpins for which no data was taken.

Data Table 2 Continued.

Data Set No.	Measurement		Species	No. of Samples	No. of Stations	Gear Type	Gear Description
	Parameter	Units					
75-0030 Cont'd	caught on longline	ones	ARSC	1	1	longline	NS
	Identification:	N/A	FHSC	17	4	see number	see number
			ARSC	10	4		
			SHSC	64	5		
			OTHER[1]				
	Morphometrics: length, total	mm	FHSC	16	3	see number	see number
			ARSC	10	4		
			SHSC	55	3		
			OTHER				
	weight	g	FHSC	16	3	see number	see number
			ARSC	10	4		
			SHSC	55	3		
			OTHER				
	Age of annuli, otolith	years	FHSC	15	2	see number	see number
			ARSC	3	2		
			SHSC	50	3		
			OTHER				
	of annuli, dorsal fin spine	years	FHSC	12	2	see number	see number
			ARSC	2	2		
			SHSC	52	3		
			OTHER				
	of annuli, pre-opercular spine	years	FHSC	11	2	gillnet	see number
			SHSC	34	2		
			OTHER				
	Reproduction: testes, presence/absence	N/A	FHSC	2	1	see number	see number
			SHSC	26	3		
	testes, relative developmental stage	N/A	FHSC	2	1	see number	see number
			SHSC	26	3		
	ovaries, presence/absence	N/A	FHSC	11	2	see number	see number
			ARSC	3	2		
			SHSC	29	3		
			OTHER				
	ovaries, relative developmental stage	N/A	FHSC	11	2	see number	see number
			ARSC	3	2		
			SHSC	24	3		
			OTHER				
	Food: gut contents, identification	N/A	FHSC	11	2	see number	see number
			ARSC	1	1		
			SHSC	46	3		
			OTHER				
	Parasitology: presence/absence by organ	N/A	FHSC	16	3	see number	see number
			ARSC	10	4		
			SHSC	55	3		
			OTHER				

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
NS	none, analysis on site	counted by ones	NS	NS	2	
see number	none, analysis on site	Leim and Scott (1966)	N/A	N/A	N/A	[1]Unidentified cottids and possible SHSC × FHSC hybrids.
see number	none, analysis on site	fish measuring board, to nearest mm	NS	NS	3	
see number	none, analysis on site	calibrated Chatillon spring scale	NS	NS	3	
see number	dry storage	annuli counted with microscope	NS	NS	4	
see number	dry storage	sectioned, mounted, and annuli counted with aid of a microscope	NS	NS	4	May not all have been aged. Utilized to substantiate ages obtained from otoliths.
see number	dry storage	sectioned, mounted, and annuli counted with aid of a microscope	NS	NS	4	May not all have been aged. Utilized to substantiate ages obtained from otoliths.
see number	none, analysis on site	gross examination	N/A	N/A	N/A	Two other FHSC were thought to be hermaphroditic.
see number	none, analysis on site	gonads classified as 6 (immature) to 10 (spent); Note 17	NS	NS	2	
see number	none, analysis on site	gross examination	N/A	N/A	N/A	
see number	none, analysis on site	gonads classified as 1 (immature) to 5 (spent); Note 17	NS	NS	2	
see number	10% formalin	examined by microscope; various taxonomic keys utilized, with some identifications to species	N/A	N/A	N/A	
see number	none, analysis on site	presence of parasites was noted in liver, intestine, peritoneum, musculature, and also externally	N/A	N/A	N/A	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
75-0031	Number: in trawl	ones	ARCD AUPT FHDR PAEP PREP AREP DBSH ASSC THSC STSC ARSC SHSC BESC ATPH ASLS STPL GLSF	2	NS	trawl	semiballoon bottom trawl; 38 mm stretch mesh
	Identification:	N/A	ARCD AUPT FHDR PAEP PREP AREP DBSH ASSC THSC STSC ARSC SHSC BESC ATPH ASLS STPL, GLSF[1]		NS	trawl	see number
	Morphometrics: length	cm	ARCD	NS	NS	trawl	see number
	Food: gut contents, identification	N/A	ARCD	118	NS	trawl	see number
75-0140	Identification	N/A	CHAR, OTHER[1]	NS NS	3 NS	gillnet	40-90 m long; 20-30 meshes deep; 140-165 mm mesh size
	Morphometrics: weight	lbs	CHAR	NS	3	gillnet	see identification

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
tow depth: 120-300 m	NS	NS	NS	NS	2	
see number	NS	NS	N/A	N/A	N/A	Only ARCD are mentioned in report - these were utilized in subsequent analyses. The other species are deposited at National Museum of Canada, according to their list of fish collections. [1]Able and McAllister (1980) have re-examined identifications of these (NMC-75-1953).
see number	none, analysis on site	NS	NS	NS	2	Samples sorted by length for metal analyses. No lengths given. Type of length not specified.
see number	NS, analysis on site	examined under microscope in field; no taxonomic key referred to	N/A	N/A	N/A	Analysis performed to determine food organisms on which metal analyses could subsequently be done. Identified as copepods, amphipods (F. Lysianassidae) and decapods.
bottom sets; lifted twice daily; set at river mouths and estuaries	none, analysis on site	identified by fishermen	N/A	N/A	N/A	[1]LKWT, BDWT and LKTR captured incidentally in the fishery.
see identification	none, analysis at processing plant	NS	NS	NS	2	Total production of fishery was 30,914 kg (round weight).

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
75-0143	Number:						
	In gillnet	ones	CHAR	6	6	gillnet	multifilament nylon; 1.8 x 120 m; six-20 m panels of 10, 19, 33, 45, 55, and 60 mm mesh sizes (bar mesh measure)
			PCHR				
			ARCS				
			BDWT				
			LSCS				
			SFCD				
			OGAC				
			ASSC				
			FHSC				
			SHSC				
			BRFL				
			LHDB				
			ARFL				
			STFL				
	Identification:	N/A	CHAR	28	4	gillnet	see number
			PCHR	NS	5		
			ARCS	NS	1		
			BDWT	2	2		
			LSCS	NS	NS		
			SFCD	NS	NS		
			OGAC	NS	NS		
			ASSC	NS	NS		
			FHSC	NS	NS		
			SHSC	NS	NS		
			BRFL	NS	NS		
			LHDB	NS	NS		
			ARFL	NS	NS		
			STFL	NS	NS		
	Morphometrics:						
	length, fork	mm	CHAR	28	4	gillnet	see number
	weight	g	CHAR	28	4	gillnet	see number
	Age:						
	# of annuli, otolith	years	CHAR	28	4	gillnet	see number
	Reproduction:						
	testes, presence/absence	N/A	CHAR	7	2	gillnet	see number
	testes, relative developmental stage	N/A	CHAR	4	1	gillnet	see number
	ovaries, presence/absence	N/A	CHAR	18	2	gillnet	see number
	ovaries, relative developmental stage	N/A	CHAR	12	2	gillnet	see number
	Food:						
	gut contents, identification	N/A	CHAR	22	2	gillnet	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
NS	none, analysis on site	counted by ones	NS	NS	2	
see number	CHAR - none, analysis on site	CHAR identified and sampled on site. Some or all specimens of other species deposited and identified at National Museum of Canada.	N/A	N/A	N/A	
see number	none, analysis on site	to nearest mm with fish measuring board	NS	NS	3	
see number	none, analysis on site	to nearest g or 10 g, depending on size	NS	NS	2	
see number	stored dry in envelopes	cleared in 2:1 solution of benzyl benzoate and methyl salicylate; read under binocular microscope	NS	NS	4	
see number	none, analysis on site	gross examination	N/A	N/A	N/A	
see number	none, analysis on site	immature, mature and resting categories	NS	NS	3	
see number	none, analysis on site	gross examination	N/A	N/A	N/A	
see number	none, analysis on site	immature, mature, and resting categories	NS	NS	3	
see number	none, analysis on site	gross examination	N/A	N/A	N/A	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
76-0008	Number: caught by plankton net	ones (#/m^3)	ARCD	120	6	plankton net	0.5 m diameter; 239 um mesh size; Inter-Ocean Model 313 flowmeter; closing mechanism
		ones (#/m^3)	ARCD	30	6	plankton net	0.5 m diameter; 239 um mesh size; Inter-Ocean Model 313 flowmeter
		ones (#/m^3)	ARCD	21?	6	plankton net	Miller high speed sampler; 760 um mesh size
	Identification:	N/A	ARCD OTHER	997[1]? 73[2]?	NS	see number	see number
	Morphometrics: length, total	mm	ARCD	997	NS	see number	see number
	weight	mg	ARCD	150	6	see number	see number
76-0010	Number: in gillnet	ones (#/h)	none	5	3	gillnet	monofilament nylon; 7.5 x 15.2 m; one panel of 1.9 cm mesh size (stretched mesh measure)
		ones (#/h)	none	1	1	gillnet	monofilament nylon; 7.5 x 6.0 m; one panel of 1.9 cm mesh size (stretched mesh measure)
		ones	ARCD	1	1	gillnet	multifilament nylon; 24 x 7.5 m; one panel of 2.6 cm mesh size (stretched mesh measure)

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
horizontal tows; 0, 10, 50, and 150 m depths; tow duration: 10 min.; tow velocity: approx. 5.6 km/h	10% formalin	NS	NS	NS	2	
vertical tow; upper 150 m	10% formalin	NS	NS	NS	2	
horizontal tows; depth: 10 m; tow velocity: 7.4 km/h	10% formalin	NS	NS	NS	2	
see number	10% formalin	representative samples examined by J.R. Dunn (Nat. Marine Fisheries Service, Seattle, WA)	N/A	N/A	N/A	[1] Includes small numbers of *Arctogadus* (<1%). Species identification not possible, but are referred to as *Boreogadus* (with the knowledge that some *Arctogadus* included). See Sekerak (1982).
see number	10% formalin	NS; to nearest mm	NS	NS	2	
see number	10% formalin	to nearest mg; samples strained, blotted dry; on Mettler PT 200 balance	NS	NS	2	
set parallel to ice edge or under ice perpendicular to ice edge; set duration: 235-1260 min	none, analysis on site	counted by ones	NS	NS	2	Nets were probably fishing at the surface.
set parallel to ice edge or under ice perpendicular to ice edge; set duration: 235-1260 min	none, analysis on site	counted by ones	NS	NS	2	
set parallel to ice edge or under ice perpendicular to ice edge; set duration: 235-1260 min	none, analysis on site	counted by ones	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
76-0010 Cont'd	in trawl	ones (#/ min)	ARCD RHKR KPSF	19	10	Cobb trawl	1.8x1.8x7.6 m; mouth frame of tubular aluminum; 5 cm mesh size at mouth down to 1 cm mesh size at cod end; fished at surface or with a 'tickler' chain attached and fished at the bottom.
		ones #/min	ARCD FHDR PREP RHKR KPSF	4	1	otter trawl	2.5 m foot rope; 3.0 m head rope; 4.9 m long; mesh size of 3.8 cm with 0.3 cm mesh size at cod end
	caught by jig	ones	none	0	1	jig	hook and line
	caught by plankton net	ones (#/m^3)	ARCD	95	16	plankton net	Miller high speed sampler 239 um and 569 um mesh sizes; 3 kg depressor for subsurface tows
	Identification:	N/A	ARCD[1]	152	18	see number	see number
			FHDR	3	1		
			PREP	1	1		
			RHKR	6	1		
			KPSF	17	1		
	Morphometrics: length, total	mm	ARCD[1]	142	16	see number	see number
			FHDR	3	1		
			PREP	1	1		
			RHKR	6	1		
			KPSF	17	1		
	length, fork	mm	ARCD	9	1	see number	see number
	weight	mg	ARCD[1]	142	16	see number	see number
		g	ARCD	9	1	see number	see number
			RHDR	3	1		
			PREP	1	1		
			RHKR	6	1		
			KPSF	17	1		
	Age: # of annuli, otolith	years	ARCD	9	1	see number	see number
			FHDR	2	1		
			PREP	1	1		
			KPSF	5	1		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
towed parallel to ice edge; depth: 0-1.8 m (surface) or 3-20 m (bottom); tow duration: 10-48 min; tow velocity: 1.0-1.5 m/sec	none, analysis on site	counted by ones	NS	NS	2	
depth: 10-20 m; tow duration: 15-30 min; tow velocity: 1.0-1.5 m/sec	none, analysis on site	counted by ones	NS	NS	2	
jigging; fished for 1.6 h	none, analysis on site	counted by ones	NS	NS	2	
depth: 0.-25 m; tow velocity: of 5.6-7.4 km/h	NS	NS	NS	NS	2	
see number	10% formalin	NS	N/A	N/A	N/A	142 were identified as young-of-the-year.
see number	ARCD[1] - 10% formalin; others - none; analysis on site	ARCD[1] - to nearest 0.5 mm; others - to nearest mm	NS	NS	2	[1]Young-of-the-year.
see number	none, analysis on site	to nearest mm	NS	NS	2	
see number	10% formalin	blotted dry; Mettler PT 200 balance; to nearest mg	NS	NS	2	[1]Young-of-the-year.
see number	none, analysis on site	to nearest g	NS	NS	2	
see number	NS; but otoliths removed before preservation in formalin	NS	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
76-0010 Cont'd	Reproduction:						
	testes, presence/absence	N/A	RHKR	1	1	see number	see number
			KPSF	4	1		
	testes, relative developmental stage	N/A	RHKR	1	1	see number	see number
			KPSF	4	1		
	ovaries, presence/absence	N/A	ARCD	7	1	see number	see number
			FHDR	1	1		
			RHKR	1	1		
			KPSF	11	1		
	ovaries, relative developmental stage	N/A	ARCD	7	1	see number	see number
			FHDR	1	1		
			RHKR	1	1		
			KPSF	11	1		
	Food:						
	gut contents, weight	mg	ARCD	9	1	see number	see number
			FHDR	2	1		
			RHKR	4	1		
			KPSF	16	1		
	gut contents, number of individuals	ones	ARCD	9	1	see number	see number
			FHDR	2	1		
			RHKR	4	1		
			KPSF	16	1		
	gut contents, identification	N/A	ARCD	22	NS	see number	see number
			FHDR	2	1		
			RHKR	4	1		
			KPSF	16	1		
76-0012	Number:						
	in gillnet	ones	ARCD	6	4	gillnet	multifilament nylon; 1) 1.8x 45.7 m, mesh sizes from 38-89 mm (stretched mesh measure) 2) 1.8 x91.4 m, 63 and 114 mm mesh sizes (stretched mesh measure)
			FHSC				
			ARSC				
			SHSC				
	Identification:	N/A	ARCD	5	1	gillnet	see number
			FHSC	3	2		
			ARSC	2	2		
			SHSC	64	6		
	Morphometrics:						
	length, total	mm	ARCD	5	1	gillnet	see number
			FHSC	3	2		
			ARSC	2	2		
			SHSC	64	6		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	10% formalin	NS	N/A	N/A	N/A	
see number	10% formalin	NS; classified as immature or mature	NS	NS	2	
see number	10% formalin	NS	N/A	N/A	N/A	
see number	10% formalin	NS; classified as immature or mature	NS	NS	2	
see number	10% formalin	contents of stomachs blotted dry for 2-3 min; Mettler PT 200 balance; to nearest mg	NS	NS	2	
see number	10% formalin	counted by ones; examined with binocular microscope; whole organisms or parts thereof enumerated	NS	NS	3	
see number	10% formalin	ARCD[1] - stomachs squashed on slide; examined under Leitz Diavert inverted microscope; others - contents examined under binocular microscope. Identified to species where possible	N/A	N/A	N/A	[1]Young-of-the-year.
bottom sets; set duration: 14-50.5 h	none, analysis on site	counted by ones	NS	NS	2	
see number	none, analysis on site	Leim and Scott (1966)	N/A	N/A	N/A	Fish from numerous catches were frozen and have not yet been identified.
see number	none, analysis on site	fish measuring board, to nearest mm.	NS	NS	3	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
76-0012 Cont'd	length, fork	mm	ARCD	5	1	gillnet	see number
	weight	g	ARCD	5	1	gillnet	see number
			FHSC	3	2		
			ARSC	2	2		
			SHSC	64	6		
	Age:						
	# of annuli, scale	years	ARCD	5	1	gillnet	see number
	# of annuli, otolith	years	ARCD	5	1	gillnet	see number
			ARSC	2	2		
			SHSC	61	6		
	# of annuli, pectoral fin ray	years	ARCD	5	1	gillnet	see number
			ARSC	2	2		
			SHSC	61	6		
	# of annuli, dorsal fin spine	years	ARCD	5	1	gillnet	see number
			ARSC	2	2		
			SHSC	61	6		
	# of annuli, opercular spine	years	ARSC	2	2	gillnet	see number
			SHSC	61	6		
	Reproduction:						
	testes, presence/absence	N/A	ARCD	3	1	gillnet	see number
			ARSC	1	1		
			SHSC	8	4		
	testes, relative developmental stage	N/A	ARCD	3	1	gillnet	see number
			SHSC	8	4		
	ovaries, presence/absence	N/A	ARCD	2	1	gillnet	see number
			ARSC	1	1		
			SHSC	53	6		
	ovaries, relative developmental stage	N/A	ARCD	2	1	gillnet	see number
			ARSC	1	1		
			SHSC	53	6		
	Food:						
	gut contents, identification	N/A	ARCD	5	1	gillnet	see number
			ARSC	2	2		
			SHSC	61	6		
	Parasitology:						
	presence/absence	N/A	ARCD	5	1	gillnet	see number
			FHSC	3	2		
			ARSC	2	2		
			SHSC	64	6		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	none, analysis on site	fish measuring board, to nearest mm.	NS	NS	3	
see number	none, analysis on site	calibrated Chatillon spring scale	NS	NS	3	
see number	stored dry	NS	NS	NS	4	
see number	stored dry	annuli counted with microscope	NS	NS	4	
see number	stored dry	sectioned, mounted and annuli counted with aid of a microscope	NS	NS	4	May not all have been aged. Utilized to substantiate ages obtained from otoliths.
see number	stored dry	sectioned, mounted and annuli counted with aid of a microscope	NS	NS	4	May not all have been aged. Utilized to substantiate ages obtained from otoliths.
see number	stored dry	sectioned, mounted and annuli counted with aid of a microscope	NS	NS	4	May not all have been aged. Utilized to substantiate ages obtained from otoliths.
see number	none, analysis on site	gross examination	N/A	N/A	N/A	
see number	none, analysis on site	gonads classified as 6(immature) to 10 (spent); Note 17	NS	NS	2	
see number	none, analysis on site	gross examination	N/A	N/A	N/A	
see number	none, analysis on site	gonads classified as 1 (immature) to 5 (spent); Note 17	NS	NS	2	
see number	10% formalin	examined by microscope; various taxonomic keys utilized with some identifications to species	N/A	N/A	N/A	
see number	none, analysis on site	presence of parasites in liver, stomach, bladder, body cavity, mesentary, and gills noted	N/A	N/A	N/A	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
76-0119	Identification	N/A	CHAR OTHER[1]	NS NS	5 NS	gillnet	45-90 m long; 20-30 meshes deep; 140-165 mm mesh size
	Morphometrics: length, fork	mm	CHAR	515	4	gillnet	see identification
	weight	g	CHAR	515	4	gillnet	see identification
	Age: # of annuli, otolith	years	CHAR	404	4	gillnet	see identification
76-0121	Number: in gillnet	ones	ARCD	NS	4?	gillnet	NS
	caught by jig[1]	ones	ARCD	NS	4?	jig	NS
	caught by hand	ones	ARCD	NS	3?	hand	
	caught by plankton net	ones	none	NS	2?	NS; Miller sampler?	NS; 0.25 m diameter, 239 um mesh size?
	Identification	N/A	ARCD	1041	NS	see number	see number
	Morphometrics: length, total	mm	ARCD	98	NS	see number	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
bottom sets; lifted twice daily; set at river mouths and estuaries	none, analysis on site	identified by fishermen	N/A	N/A	N/A	[1]LKWT, BDWT and LKTR captured incidentally in the fishery.
see identification	none, specimens measured at processing plant	to nearest mm	NS	NS	3	
see identification	none, specimens measured at processing plant	to nearest 50 g; dressed weight (gills and viscera removed) measured	NS	NS	2	Total production of fishery was 39,774 kg (round weight).
see identification	dry in envelopes	ground on a carborundum stone; immersed in a 3:1 solution of benzyl-benzoate and methyl salicylate on a depression slide, and annuli counted with aid of a dissecting microscope	NS	NS	4	
NS; some under ice	none, analysis on site	counted by ones	NS	NS	2	
through cracks in ice	none, analysis on site	counted by ones	NS	NS	2	[1]Includes specimens captured with spears.
near shore or tide stranded collections	none, analysis on site	counted by ones	NS	NS	N/A	
near shore, under ice	none, analysis on site	counted by ones	NS	NS	2	
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing varied from <1h to 24 h	identified by comparison of morphometric and meristic data obtained to those of other sources: McKenzie (1953), Walters (1955), Jensen (1948), Andriyashev (1954)			N/A	Authors acknowledge that storage variations influence several of the parameters subsequently measured (eg. weight loss due to freezing or preservation)
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing varied from <1h to 24 h	to nearest mm	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
76-0121 Cont'd	length, standard		ARCD	25	NS	see number	see number
	length, fork		ARCD	923	NS	see number	see number
	weight	g	ARCD	923	NS	see number	see number
	# of fin rays/spines	ones	ARCD	34	NS	see number	see number
	# of gill rakers	ones	ARCD	34	NS	see number	see number
	# of pyloric caeca	ones	ARCD	34	NS	see number	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing varied from <1h to 24 h	to nearest 0.1 mm with vernier calipers; method of Hubbs and Lagler (1964)	NS	NS	3	Specimens frozen, thawed, and then immediately preserved in 10% formalin.
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing varied from <1h to 24 h	to nearest mm	NS	NS	2	Sample size from weight-length relationship.
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing varied from <1h to 24 h	to nearest 0.1 g, young-of-the-year sometimes measured in groups to nearest 0.001 g	NS	NS	2	Sample size from weight-length relationship.
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing varied from <1h to 24 h	fin ray counts made for dorsal, anal, pectoral, and ventral fins; darkly-pigmented skin removed from dorsal and anal fins prior to counting; method of Hubbs and Lagler (1964)	NS	NS	3	Specimens frozen, thawed, and then immediately frozen in 10% formalin.
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing varied from <1h to 24 h	method of Hubbs and Lagler (1964)	NS	NS	3	Specimens frozen, thawed, and then immediately frozen in 10% formalin.
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing varied from <1h to 24 h	method of Hubbs and Lagler (1964)	NS	NS	3	Specimens frozen, thawed, and then immediately frozen in 10% formalin.

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
76-0121 Cont'd	# of branchlostegals	ones	ARCD	34	NS	see number	see number
	# of vertebrae	ones	ARCD	34	NS	see number	see number
	Other: length of various body parts	mm	ARCD	24-25	NS	see number	see number
	liver weight	g	ARCD	356	NS	see number	see number
	Age: # of annuli, otolith	years	ARCD	920[1]	NS	see number	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing varied from <1h to 24 h	darkly-pigmented skin removed prior to counting; method of Hubbs and Lagler (1964)	NS	NS	3	Specimens frozen, thawed, and then immediately frozen in 10% formalin.
see number	initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing varied from <1h to 24 h	counts include vertebrae within hypural complex; method of Hubbs and Lagler (1964)	NS	NS	3	Specimens frozen, thawed, and then immediately frozen in 10% formalin.
see number	initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing varied from <1h to 24 h	the following were expressed as a percentage of standard length: head length, snout length, postorbital length, eye diameter, fleshy interorbital, upper jaw length, lower jaw length, preanal length, predorsal, length, preventral length, base dorsal 1, base dorsal 2, base dorsal 3, base anal 1, base anal 2, base anal 3, ventral fin length, pectoral fin length, barbel length; to nearest 0.1 mm with vernier calipers; method of Hubbs and Lagler (1964)	NS	NS	3	Specimens frozen, thawed, and then immediately frozen in 10% formalin.
see number	initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time fro capture to freezing varied from <1h to 24 h	to nearest 0.1 g in field; to nearest 0.001 g in lab	NS	NS	2	Specimens greatly influenced by decomposition not utilized.
see number	glycerol	literature pertaining to Atlantic cod (*Gadus*	NS	NS	2	Scales were also examined but revealed no regular patterns which could be

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
76-0121 Cont'd	# of annuli, otolith cont'd						
	Reproduction: testes, presence/ absence	N/A	ARCD	354	NS	see number	see number
	testes, weight	g	ARCD	360	NS	see number	see number
	ovaries, presence/ absence	N/A	ARCD	569	NS	see number	see number
	ovaries, weight	g	ARCD	554	NS	see number	see number
	Food: gut contents, number of individuals	ones	ARCD	245[1]	NS	see number	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
		morhua) reviewed prior to aging; annuli counted with aid of dissecting microscope and either reflected or transmitted light; validation: Age 0+ and 1+ corresponded with the two smallest, distinct, length-classes				Interpreted as annuli. [1] An additional 41 pairs of otoliths proved unreadable.
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing varied from <1h to 24 h	gross examination?	NS	NS	N/A	Sample size from weight-length relationship. All examined specimens appeared to be immature.
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing varied from <1h to 24 h	to nearest 0.1 g in field; to nearest 0.001 g in lab	NS	NS	2	Specimens greatly influenced by decomposition not utilized.
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing varied from <1h to 24 h	gross examination?	NS	NS	N/A	Sample size from weight-length relationship. Eggs apparently small and undeveloped (largest <0.5 mm).
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing varied from <1h to 24 h	to nearest 0.1 g in field; to nearest 0.001 g in lab	NS	NS	2	Specimens greatly influenced by decomposition not utilized.
see number	Initial treatment varied from none (field dissection) to	stomachs >20% full selected; contents examined with binocular micro-	NS	NS	3	[1] Not including empty stomachs.

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
76-0121 Cont'd	gut contents, number of individuals cont'd						
	gut contents, weight	mg	ARCD	245^1	NS	see number	see number
	gut contents, identification	N/A	ARCD	245^1	NS	see number	see number
77-0015	Number: in trawl	ones	ARCD FHDR ASSC	7	7	otter trawl	2.5 m foot rope
	caught by hand	ones	POCD ARCD FHDR SDEP RHKR ASSC FHSC ARSC SHSC RBSC OTHER	267	11	dipnet	fine mesh dipnet by snorkel and SCUBA divers, from a zodiac or intertidal samples

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
	freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing varied from <1h to 24 h; stomachs preserved in 10% formalin after dissection	scope and whole organisms or parts counted				
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing varied from <1h to 24 h	stomachs >20% full selected; contents examined with binocular microscope; size of whole food organisms and parts measured to nearest 0.1 mm; whole organism lengths estimated from body part using body part - total length relationships for each food species; after enumeration, wet weight biomass derived from body size: body weight indices; method of Bradstreet (1977)	NS	NS	2	[1]Not including empty stomachs.
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing varied from <1h to 24 h	stomachs >20% full selected; contents examined with binocular microscope; whole organisms and body parts identified to species whenever possible	N/A	N/A	N/A	[1]Not including empty stomachs.
see remarks. towed parallel to shore; depth: 2-30 m; tow duration: 2-5 min	NS	counted by ones	NS	NS	2	Note: Text of report states that methods were similar to those utilize by Sekerak et al. (1976) and Bain et al. (1977).
fish collected from underneath ice surface, under rocks, and among macrophytes	NS	counted by ones	NS	NS	N/A	

Table 2 Continued.

	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
-0015 ont'd	caught by plankton net	ones (#/m^3)	ARCD	7	2	plankton net	Miller high speed sampler; 239 u mesh size
	caught by bottom grab	ones	FHDR LFLS	16	15	ponar grab	22.9 x 22.9 cm
	caught by airlift	ones	FHDR RHKR RBSC	12	2	airlift	sample of bottom (0.25 m^2) disturbed by pressurized air and seived through 1 mm mesh
	Identification:	N/A	POCD	1	1	see number	see number
			ARCD^1	504^1	5		
			FHDR	18	5		
			SDEP	9	3		
			RHKR	24	2		
			ASSC	7	5		
			FHSC	32	3		
			ARSC	13	5		
			SHSC	31	4		
			RBSC	2	1		
			LFLS	1	1		
			OTHER^2	2	2		
	Morphometrics: length, total	mm	ARCD^1	501	3	see number	see number
			FHDR	18	5		
			SDEP	9	3		
			RHKR	24	2		
			ASSC	7	5		
			FHSC	32	3		
			ARSC	13	5		
			SHSC	31	4		
			RBSC	2	1		
			LFLS	1	1		
	length, fork	mm	POCD	1	1	see number	see number
			ARCD^1	3	3		
	weight	g	POCD	1	1	see number	see number
			ARCD	3	3		
			FHDR	18	5		
			SDEP	9	3		
			RHKR	22	2		
			ASSC	7	5		
			FHSC	32	3		
			ARSC	12	5		
			SHSC	31	4		
			RBSC	2	1		
			LFLS	1	1		
	# of gillrakers	ones	POCD	1	1	dipnet	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
horizontal tows; depths of land 10 m and 1, 7.5, 15, and 25 m at the two stations respectively	NS	counted by ones	NS	NS	2	
along transect perpendicular to shore; depth: 2-50 m	NS	counted by ones	NS	NS	N/A	
along transect perpendicular to shore; depth: 3-15 m	NS	counted by ones	NS	NS	2	
see number	NS	NS; D.E. McAllister, National Museum of Canada, verified young-of-the-year gadids as ARCD	N/A	N/A	N/A	[1]501 were young-of-the-year. [2]*Lycodes* sp and *Liparis* sp.
see number	NS; however, reference is made to performing measurements on preserved fishes	NS	NS	NS	2	[1]Young-of-the-year.
see number	NS; however, reference is made to performing measurements on preserved fishes	NS	NS	NS	2	[1]Juveniles
see number	NS; however, reference is made to performing measurements on preserved fishes	NS	NS	NS	2	
see number	NS; however, mention is made of performing	NS	NS	NS	2	

Data Table 2 Continued.

Data Ser No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
77-0015 Cont'd	# of gillrakers cont'd						
	Reproduction: testes, presence/absence	N/A	FHDR	2	2	see number	see number
			SDEP	2	1		
			RHKR	2	1		
			FHSC	19	3		
			ARSC	2	2		
			SHSC	6	3		
	testes, relative developmental stage	N/A	FHDR	2	2	see number	see number
			SDEP	2	1		
			RHKR	2	1		
			FHSC	19	3		
			ARSC	2	2		
			SHSC	6	3		
	ovaries, presence/absence	N/A	ARCD	2	1	see number	see number
			FHDR	7	4		
			SDEP	4	2		
			RHKR	1	1		
			ASSC	1	1		
			FHSC	13	3		
			ARSC	7	4		
			SHSC	23	3		
	ovaries, relative developmental stage	N/A	ARCD	2	1	see number	see number
			FHDR	7	4		
			SDEP	4	2		
			RHKR	1	1		
			ASSC	1	1		
			FHSC	13	3		
			ARSC	7	4		
			SHSC	23	3		
	egg diameter	mm	FHDR	4	3	see number	see number
			RHKR	1	1		
			FHSC	2	2		
	egg number	ones	FHDR	1	1	see number	see number
			FHSC	2	1		
77-0016	Number: in gillnet	ones (#/h)	OTHER[1]	7	7	gillnet	1.8x45.7 m; 2.5 - 10.2 cm mesh sizes
	in trawl[1]	ones (#/min)	POCD ARCD FHDR SDEP RHKR ASSC THSC	6	6	otter trawl	2.5 m foot rope; 3.0 m head rope

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
	determinations on preserved fish					
see number	NS; however, mention is made of performing determinations on preserved fish	NS	N/A	N/A	N/A	
see number	NS; however, mention is made of performing determinations on preserved fish	classified as either immature or mature	NS	NS	2	
see number	NS; however, mention is made of performing determinations on preserved fish	NS	N/A	N/A	N/A	
see number	NS; however, mention is made of performing determinations on preserved fish	classified as either immature or mature	NS	NS	2	
see number	NS, however, mention is made of performing determinations on preserved fish	NS	NS	NS	2	
	NS; however, mention is made of performing determinations on preserved fish	NS	NS	NS	2	
set perpendicular to shore; set from 0-2.4 and 3-5 m; set time from 2-192 h.	none, analysis on site	counted by ones	NS	NS	2	[1]Unidentified cottid, which fell out of net during retrieval, was only fish captured. Type of mesh size measure number of panels, nor all mesh sizes are given.
towed parallel to shore from a zodiac; depths of 10, 15, and 30 m; tow duration	none, analysis on site	counted by ones	NS	NS	2	Mesh size not specified.

Table 2 Continued.

o.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
77-0016 Cont'd	In trawl cont'd		FHSC				
			RBSC				
			LFLS				
			BTSF				
			KPSF				
			OTHER				
	caught by hand	ones	POCD	13	13	dipnet	fish captured in small dipnet during SCUBA and snorkeling dives
			ARCD				
			FHDR				
			SDEP				
			RHKR				
			ASSC				
			THSC				
			FHSC				
			RBSC				
			BTSF				
			KPSF				
			OTHER				
	caught by plankton net	ones	OTHER	5	5	plankton net	Miller high speed sampler; 239 um mesh size
		ones	OTHER	1	1	plankton net	0.25 m diameter net; 239 um mesh size
	caught by airlift	ones	FHDR	3	3	airlift	sample of bottom (0.25 m^2, to a sediment depth of 2-5 cm) disturbed by pressurized air and retained by 1 mm mesh size
			THSC				
			OTHER				
	Identification:	N/A	POCD	83	11	see number	see number
			ARCD	4	3		
			FHDR	60	8		
			SDEP	16	8		
			RHKR	2	2		
			ASSC	2	2		
			THSC	5	3		
			FHSC	85	6		
			RBSC	10	6		
			LFLS	6	3		
			BTSF	35	8		
			KPSF	2	1		
			OTHER[1]	17	13		
	Morphometrics: length, total	mm	POCD	14	4	see number	see number
			ARCD	1	1		
			FHDR	60	8		
			SDEP	16	8		
			RHKR	2	2		
			ASSC	2	2		
			THSC	5	3		
			FHSC	85	6		
			RBSC	10	6		
			LFLS	6	3		
			BTSF	35	8		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
of 5 and 10 min						
	none, analysis on site	counted by ones	NS	NS	N/A	
depths of 0, 25, and 50 m; tow speed of approx. 9 km/h	fixed with 10% formalin; stored in 5-10% formalin	counted by ones; examined with binocular microscope	NS	NS	2	
horizontal tows; depth of 0 m	fixed with 10% formalin; stored in 5-10% formalin	counted by ones; examined with binocular microscope	NS	NS	2	Vertical tows were also performed but not included here (they were not intended to capture larval fishes).
	probably none, analysis on site	counted by ones	NS	NS	2	
see number	10% formalin	NS	N/A	N/A	N/A	[1]Unidentified gadids, *Lycodes* sp., *Triglops* sp., and *Liparis* sp.
see number	10% formalin	to nearest mm	NS	NS	2	

[illegible] Table 2 Continued.

[illegible]	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
7 -0016 Cont'd	length, total cont'd		KPSF	1	1		
			OTHER				
	length, fork	mm	POCD	69	7	see number	see number
			ARCD	3	2		
	weight	g	POCD	83	11	see number	see number
			ARCD	4	3		
			FHDR	60	8		
			SDEP	16	8		
			RHKR	2	2		
			ASSC	2	2		
			THSC	5	3		
			FHSC	85	6		
			RBSC	10	6		
			LFLS	6	3		
			BTSF	35	8		
			KPSF	2	1		
			OTHER				
	# of fin rays	ones	POCD	63	NS	see number	see number
	# of fin rays	ones	POCD	59	NS	see number	see number
	# of gillrakers	ones	POCD	68	NS	see number	see number
	# of pyloric caeca	ones	POCD	39	NS	see number	see number
	Age:						
	# of annuli, otolith	years	POCD	11	NS	see number	see number
	Reproduction:						
	testes, presence/ absence	N/A	POCD	20	NS	see number	see number
			FHDR	NS	NS		
			SDEP	NS	NS		
			ASSC	1	1		
	testes, relative developmental stage	N/A	POCD	20	NS	see number	see number
			FHDR	NS	NS		
			SDEP	NS	NS		
			ASSC	1	1		
	ovaries, presence/absence	N/A	POCD	28	NS	see number	see number
			FHDR	NS	NS		
			ASSC	1	1		
			THSC	NS	NS		
			FHSC	NS	NS		
			RBSC	NS	NS		
			BTSF	NS	NS		
	ovaries, relative developmental stage	N/A	POCD	28	NS	see number	see number
			FHDR	NS	NS		
			ASSC	1	1		
			THSC	NS	NS		
			FHSC	NS	NS		
			RBSC	NS	NS		
			BTSF	NS	NS		
	egg diameter	mm	FHDR	NS	NS	see number	see number
			THSC	NS	NS		
			FHSC	NS	NS		
			RBSC	NS	NS		
			BTSF	NS	NS		
	egg number	ones	THSC	NS	NS	see number	see number
			FHSC	NS	NS		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	10% formalin	to nearest mm	NS	NS	2	
see number	10% formalin	to nearest 0.1 g on triple beam balance	NS	NS	2	
see number	10% formalin	NS; fin rays of second dorsal fin	NS	NS	2	
see number	10% formalin	NS; fin rays on anal fin	NS	NS	2	
see number	10% formalin	NS	NS	NS	2	
see number	10% formalin	NS	NS	NS	2	
see number	10% formalin	NS	NS	NS	2	
see number	10% formalin	NS	N/A	N/A	N/A	List of species may be incomplete because of lack of information in report.
see number	10% formalin	NS; categorized as immature or mature	NS	NS	2	List of species may be incomplete because of lack of information in report.
see number	10% formalin	NS	N/A	N/A	N/A	List of species may be incomplete because of lack of information in report.
see number	10% formalin	NS; categorized as immature or mature	NS	NS	2	List of species may be incomplete because of lack of information in report.
see number	10% formalin	NS	NS	NS	2	List of species may be incomplete because of lack of information in report. Measured on both mature and immature fishes.
see number	10% formalin	NS	NS	NS	2	List of species may be incomplete because of lack of information in report.

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
77-0120	Identification	N/A	CHAR OTHER[1]	NS NS	10 NS	gillnet	45-90 m long; 20-30 meshes deep; 140-165 mm mesh size
	Morphometrics: length, fork	mm	CHAR	1036	7	gillnet	see identification
	weight	g	CHAR	1036	7	gillnet	see identification
	Age: # of annuli, otolith	years	CHAR	558	7	gillnet	see identification
77-0121	Number: in gillnet	ones	ARCD	197	87	gillnet	a) 2.4x15.2 m; 38 mm mesh size b) 2.4x15.2 m; 64 mm mesh size c) 1.8x15.2 m; 64 mm mesh size
	in trawl	ones	ARCD	NS	1	otter trawl	NS
	in trap	ones	none	NS	1	fish trap	0.9x0.6x0.6 m; baited
	caught by jig	ones	ARCD	NS	3	jig	NS
	caught by hand	ones	ARCD	NS	7	hand	hand captured by SCUBA and snorkel divers
	caught by plankton net	ones	ARCD	5	3	NS	0.25 m diameter, 239 um mesh size

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
bottom sets; lifted twice daily; set at river mouths and estuaries	none, analysis on site	identified by fishermen	N/A	N/A	N/A	[1]LKWT, BDWT and LKTR captured incidentally in the fishery.
see identification	none, specimens measured at processing plant	to nearest mm	NS	NS	3	
see identification	none, specimens measured at processing plant	to nearest 50 g; dressed weight (gills and viscera removed) measured	NS	NS	2	Total production of fishery was 77,338 kg (round weight)
see identification	dry in envelopes	ground on a carborundum stone; immersed in a 3:1 solution of benzyl-benzoate and methyl salicylate on a depression slide, and annuli counted with aid of a dissecting microscope	NS	NS	4	
most set under ice	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	2	
depth - 70 m (bottom) set duration: 120 h	none, analysis on site	counted by ones	NS	NS	2	
through ice cracks	none, analysis on site	counted by ones	NS	NS	2	
under ice or nearshore open water	none, analysis on site	counted by ones	NS	NS	N/A	
some under ice; anchored at depths of 3, 10, or 30 m, facing prevailing current	none, analysis on site	counted by ones	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
77-0121 Cont'd	Identification	NS	ARCD	128	NS	see number	see number
	Morphometrics: length, fork		ARCD	102	NS	gillnet	see number
	weight		ARCD	102	NS	gillnet	see number
	Reproduction: testes, presence/ absence	N/A	ARCD	47	NS	gillnet	see number
	ovaries, presence/ absence		ARCD	55	NS	gillnet	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing from <1 h to 24 h	In 1976, samples identified by comparison of morphometric and meristic data obtained to those of other sources: McKenzie (1953), Walters (1955), Jensen (1948) and Andriyashev (1964)	N/A	N/A	N/A	Authors acknowledge that storage variations influence several of the parameters subsequently measured (eg. weight loss due to freezing or preservation).
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing from <1 h to 24 h	to nearest mm	NS	NS	2	Sample size from weight-length relationship.
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing from <1 h to 24 h	to nearest 0.1 g	NS	NS	2	Sample size from weight-length relationship.
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing from <1 h to 24 h	gross examination?	N/A	N/A	N/A	
see number	Initial treatment varied from none (field dissection) to freezing and/or preservation in 10% formalin. Elapsed time from capture to freezing from <1 h to 24 h	gross examination?	N/A	N/A	N/A	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
78-0022	Number: caught by plankton net	ones (#/ 100 m^3)	ARCD GLSF	57	6	plankton net	0.5 m diameter; 239 um mesh size; Inter-Ocean Model 313 flowmeter; closing mechanism
	caught by plankton net	ones (#/ 100 m^3)	ARCD GLSF	47	5	plankton net	Miller high speed sampler; 760 um mesh size
	Identification:	N/A	ARCD	NS[1]	5	plankton net	see number
			GLSF	5	3		
	Morphometrics: length, total	mm	ARCD	NS[1]	5	plankton net	see number
			GLSF	5	3		
	weight	mg	ARCD	NS		plankton net	see number
			GLSF	NS			
	# of fin rays	ones	GLSF	5	3	plankton net	see number
	Other: length of various body parts	N/A	GLSF	5	3	plankton net	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
vertical tows; various depth ranges/ station down to 800 m; raised at 2 m/s	10% formalin	strained through 76 um mesh; counted by ones	NS	NS	2	Samples not considered quantitative for ichthyoplankton - primary purpose was to sample zooplankton. Not possible to distinguish data collected in Northwest Passage and Baffin Bay - therefore not included in remainder of compilation.
horizontal tows; usually 6 depths sampled simultaneously; depths of 0, 10, 17, 34, 102, and 170 m; tow duration 15 min; tow speed 7.4 km/h	10% formalin	counted by ones	NS	NS	2	Contamination of samples during retrieval of net from sampling depth is considered.
see number	10% formalin	ARCD[2] - representative samples examined by J.R. Dunn (National Marine Fisheries Service, Seattle, WA) GLSF - those >13-14 m total length differentiated on basis of having 37-41 anal rays	N/A	N/A	N/A	[1] Sample size could not be determined - data combined with that from Baffin Bay (254 collected over entire study area). [2] Includes small numbers of *Arctogadus* (<1%). *Species identification* not possible, but are referred to as *Boreogadus* (with the knowledge that some *Arctogadus* included). See Sekerak (1982).
see number	10% formalin	measured to nearest mm	NS	NS	2	[1] Sample size could not be determined - data combined with that from Baffin Bay. Discussed shrinkage of ARCD after preservation - lengths underestimated by 5-6%.
see number	10% formalin	measured to nearest mg	NS	NS	2	Individual weights not provided - total weight for all samples and stations (Northwest Passage and Baffin Bay) given for each species.
see number	10% formalin	NS; counted by ones on dorsal, anal, and pectoral fins	NS	NS	2	
see number	10% formalin	ratio of eye diameter to head length determined	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
78-0112	Identification	N/A	CHAR OTHER[1]	NS NS	8 NS	gillnet	45-90 m long; 20-30 meshes deep; 140-165 mm mesh size
	Morphometrics: length, fork	mm	CHAR	1161	7	gillnet	see Identification
	weight	g	CHAR	1161	7	gillnet	see Identification
	Age: # of annuli, otolith	years	CHAR	826	7	gillnet	see Identification
79-0024	Number: caught by hand	ones	FHSC SHSC	NS	8	hand	collected by SCUBA divers
	Identification:	NA	FHSC SHSC	15 2	6 2	hand	see number
79-0114	Identification	N/A	CHAR	NS	8	gillnet	139 to 159 mm mesh size (stretched mesh measure)
	Morphometrics: length, fork	mm	CHAR	1477	7	gillnet	see Identification
	weight	g	CHAR	1477	7	gillnet	see Identification
	Age: # of annuli, otolith	years	CHAR	788	7	gillnet	see Identification

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
bottom sets; lifted twice daily; set at river mouths and estuaries	none, analysis on site	identified by fishermen	N/A	N/A	N/A	[1]LKWt, BDWT and LKTR captured incidentally in the fishery.
see identification	none, specimens measured at processing plant	to nearest mm	NS	NS	3	
see identification	none, specimens measured at processing plant	to nearest 50 g; dressed weight (gills and viscera removed) measured	NS	NS	2	Total production of fishery was 68,343 kg (round weight).
see identification	dry in envelopes	ground on a carborundum stone; immersed in a 3:1 solution of benzyl-benzoate and methyl salicylate on a depression slide, and annuli counted with aid of a dissecting microscope	NS	NS	4	
	none, analysis on site	counted by ones	NS	NS	N/A	
	10% formalin and then 70% ethanol	Leim and Scott (1966)	N/A	N/A		Other fish were collected for metal analysis and were originally frozen whole. Specimens available at Freshwater Institute.
set at river mouths and estuaries	none, analysis on site	identified by fishermen	N/A	N/A	N/A	
see identification	none, specimens measured at processing plant	to nearest mm	NS	NS	3	
see identification	none, specimens measured at processing plant	to nearest 50 g; dressed weight (gills and viscera removed) measured	NS	NS	2	Total production of fishery (8 stations) was 54,534 kg (dressed weight).
see identification	dry in envelopes	ground on carborundum stone; immersed in a 3:1 solution of benzyl-benzoate and methyl salicylate on a depression slide, and annuli counted with aid of a dissecting microscope	NS	NS	4	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
79-0115	Identification	N/A	CHAR LKTR	NS NS	12 NS	gillnet	a) 91 m long (and 20-24 meshes deep); 140 mm mesh size (stretched mesh measure) b) 69 m length
	Morphometrics: length, fork	mm	CHAR	1150	11	gillnet	see identification
	weight	g	CHAR	1694[1]	11	gillnet	see identification
	Age: # of annuli, otolith	years	CHAR	905	12	gillnet	see identification
	Reproduction: testes, presence/absence	N/A	CHAR	338	7	gillnet	see identification
	testes, relative developmental stage	N/A	CHAR	150	3	gillnet	see identification
	ovaries, presence/absence	N/A	CHAR	237	7	gillnet	see identification
	ovaries, relative developmental stage	N/A	CHAR	103	3	gillnet	see identification
79-0116	Number: in gillnet	ones	ARCS LKWT LSCS LKTR TDCD SFCD FHSC ARFL	2	2	gillnet	multifilament nylon (Swedish) 1.8x60 m; six-10 m panels of 10, 19, 33, 45, 55 and 60 mm mesh sizes respectively (bar mesh measure)

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
nets fished daily throughout the fishery in estuaries or river mouths	none, analysis on site	identified by fishermen	N/A	N/A	N/A	LKTR was captured incidentally.
see identification	none, specimens measured on site and at processing plant	to nearest mm	NS	NS	3	
see identification	none, specimens measured on site and at processing plant	to nearest 50 g; round weight measured on site and dressed weight (gills and viscera removed) at processing plant	NS	NS	2	[1]Round weight measured on 576 specimens and dressed weight on 1118 specimens. Total production of fishery was 9991 kg (dressed weight).
see identification	dry in envelopes	ground on a carborundum stone; immersed in a 3:1 solution of benzyl-benzoate and methyl salicylate on a depression slide, and annuli counted with aid of a dissecting microscope by G. Carder; method of Grainger (1953)	NS	NS	4	
see identification	none, analysis on site	gross examination	N/A	N/A	N/A	
see identification	none, analysis on site	gonads classified from 6 (immature) to 10 (resting); Note 19	NS	NS	2	
see identification	none, analysis on site	gross examination	N/A	N/A	N/A	
see identification	none, analysis on site	gonads classified from 1 (immature) to 5 (resting); Note 19	NS	NS	2	
set overnight	none, analysis on site	counted by ones	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
79-0116 Cont'd	Identification:	N/A	ARCS	9	1	gillnet	see number
			LKWT	1	1		
			LSCS	3	2		
			LKTR	4	1		
			TDCD	4	2		
			SFCD	2	2		
			FHSC	224	2		
			ARFL	11	2		
	Morphometrics: length, total	mm	SFCD	1	1	gillnet	see number
			FHSC	2	1		
			ARFL	1	1		
	length, fork	mm	ARCS	9	1	gillnet	see number
	weight	g	ARCS	9	1	gillnet	see number
			LKWT	1	1		
			LSCS	3	2		
			LKTR	4	1		
			SFCD	1	1		
			FHSC	2	1		
			ARFL	1	1		
	Age: # of annuli, scale	years	ARCS	9	1	gillnet	see number
			LKWT	1	1		
			LSCS	3	2		
	# of annuli, otolith	years	LKTR	4	1	gillnet	see number
	Reproduction: testes, presence/absence	N/A	ARCS	5	1	gillnet	see number
			LSCS	1	1		
			LKTR	4	1		
	testes, relative developmental stage	N/A	ARCS	5	1	gillnet	see number
			LSCS	1	1		
			LKTR	4	1		
	ovaries, presence/absence	N/A	ARCS	4	1	gillnet	see number
			LKWT	1	1		
			LSCS	2	2		
	ovaries, relative developmental stage	N/A	ARCS	4	1	gillnet	see number
			LKWT	1	1		
			LSCS	2	2		
	Food: gut contents, identification	N/A	LKTR	1	1	gillnet	see number
80-0106	Identification	N/A	CHAR	NS	9	gillnet	91 m long (and 20-24 meshes deep); 140 mm mesh size (stretched mesh measure)
			LKTR	NS	NS		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	none, analysis on site	McPhail and Lindsey (1970) and McAllister (MS)	N/A	N/A	N/A	
see number	none, analysis on site	fish measuring board with metre stick	NS	NS	3	Fork length is referred to in report.
see number	none, analysis on site	fish measuring board with metre stick	NS	NS	3	
see number	none, analysis on site	NS	NS	NS	2	
see number	NS	read on Leitz Trichinoscope (model IX-Q)	NS	NS	2	
see number	NS	method of Grainger (1953), examined with binocular microscope	NS	NS	2	
see number	none, analysis on site	gross examination	N/A	N/A	N/A	
see number	none, analysis on site	gonads classified as 1 (immature) to 6 (spent); Note 18	NS	NS	2	
see number	none, analysis on site	gross examination	N/A	N/A	N/A	
see number	none, analysis on site	gonads classified as 7 (immature) to 12 (spent); Note 18	NS	NS	2	
see number	none, analysis on site	fish identified to species and invertebrates to family	N/A	N/A	N/A	
nets fished daily throughout the fishery in estuaries or river mouths	none, analysis on site	identified by fishermen	NS	NS	N/A	LKTR were captured incidentally.

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
80-0106 Cont'd	Morphometrics: length, fork	mm	CHAR	1371	9	gillnet	see identification
	weight	g	CHAR	2699[1]	11	gillnet	see identification
	Age: # of annuli, otolith	years	CHAR	788	9	gillnet	see number
	Reproduction: testes, presence/ absence	N/A	CHAR	623	7	gillnet	see number
	testes, relative developmental stage	N/A	CHAR	623	7	gillnet	see number
	ovaries, presence/ absence	N/A	CHAR	580	7	gillnet	see number
	ovaries, relative developmental stage	N/A	CHAR	580	7	gillnet	see number
80-0107	identification	N/A	CHAR	NS	7	a) gillnet b) trap	a) 139 to 159 mm mesh size (stretched mesh measure) b) experimental fish weir
	Morphometrics: length, fork	mm	CHAR	1162	6	see identification	see identification
	weight	g	CHAR	1162	6	see identification	see identification

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see identification	none, specimens measured on site and at processing plant	to nearest mm	NS	NS	3	
see identification	none, specimens measured on site and at processing plant	to nearest 50 g; round weight measured on site and dressed weight (gills and viscera removed) at processing plant	NS	NS	2	[1]Round weight measured on 1238 specimens and dressed weight on 1461 specimens. Total production of fishery was 9147 kg (dressed weight).
see number	dry in envelopes	ground on a carborundum stone; immersed in a 3:1 solution of benzyl-benzoate and methyl salicylate on a depression slide, and annuli counted with aid of a dissecting microscope by G.W. Carder; method of Grainger (1953)	NS	NS	4	
see number	none, analysis on site	gross examination	N/A	N/A	N/A	
see number	none, analysis on site	gonads classified from 6 (immature) to 10 (resting); Note 19	NS	NS	2	
see number	none, analysis on site	gross examination	N/A	N/A	N/A	
see number	none, analysis on site	gonads classified from 6 (immature) to 10 (resting); Note 19	NS	NS	2	
a) set at river mouths and estuaries b) NS	none, analysis on site	identified by fishermen	N/A	N/A	N/A	
see identification	none, specimens measured at processing plant	to nearest mm	NS	NS	3	
see identification	none, specimens measured at processing plant	to nearest 50 g; dressed weight (gills and viscera removed) measured	NS	NS	2	Total production of fishery (7 locations) was 47,400 kg (dressed weight).

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
80-0107 Cont'd	Age: # of annuli, otolith	years	CHAR	779	6	see identification	see identification
81-0102	Number: in gillnet	ones	ARCD SLEB ASSC FHSC	3	2	gillnet	multifilament nylon; 1.8x60 m; six-10 m panels of 10, 33, 45, 55 and 60 mm mesh sizes (bar mesh measure)
	in trawl	ones	POCD FHDR	1	1	otter trawl	NS
	identification	N/A	POCD	4	1	see number	see number
			ARCD	1	1		
			FHDR	1	1		
			SLEB	2	1		
			ASSC	7	2		
			FHSC	9	2		
	Morphometrics: length, total[1]	mm	FHDR	1	1	see number	see number
			SLEB	2	1		
			ASSC	7	2		
			FHSC	9	2		
	length, fork	mm	POCD	4	1	see number	see number
			ARCD	1	1		
	weight	g	POCD	4	1	see number	see number
			ARCD	1	1		
			FHDR	1	1		
			SLEB	2	1		
			ASSC	7	2		
			FHSC	9	2		
	Reproduction: testes, presence/absence	N/A	ARCD	1	1	gillnet	see number
			ASSC	1	1		
			FHSC	1	1		
	testes, relative developmental stage	N/A	ARCD	1	1	gillnet	see number
			ASSC	1	1		
			FHSC	1	1		
	Food: gut contents, weight	g	ASSC	1	1	gillnet	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see identification	dry in scale envelopes	ground on carborundum stone; immersed in a 3:1 solution of benzyl-benzoate and methyl salicylate on a depression slide and annuli counted with aid of a dissecting microscope	NS	NS	4	
set for 16.5 and 20 h respectively	none, analysis on site	counted by ones	NS	NS	2	
	none, analysis on site	counted by ones	NS	NS	2	
see number	10% formalin	NS; identifications verified by D.E. McAllister, National Museum of Canada	N/A	N/A	N/A	Specimens of all species available at National Museum of Canada.
see number	none, analysis on site	fish measuring board with metre stick	NS	NS	3	[1] Report specifies fork length.
see number	none, analysis on site	fish measuring board with metre stick				
see number	none, analysis on site	calibrated accu-weight spring scale	NS	NS	3	
see number	none, analysis on site	gross examination	N/A	N/A	N/A	
see number	none, analysis on site	gonads classified as 1 (immature) to 6 (spent); Note 18	NS	NS	3	
see number	stomach preserved in 10% formalin	stomach contents separated, dried for at least 20 h at 38°C in Chromalox AR-2519 oven; weighed on Mettler AC 440 balance	NS	NS	3	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
81-0102 Cont'd	gut contents, identification	N/A	ASSC	1	1	gillnet	see number
81-0103	identification	N/A	CHAR	NS	7	a) gillnet	a) 139-159 mm mesh sizes (stretched mesh measure)
						b) trap	b) experimental fish weir
	Morphometrics: length, fork	mm	CHAR	1272	7	see identification	see identification
	weight	g	CHAR	1272	7	see identification	see identification
	Age: # of annuli, otolith	years	CHAR	852	7	see identification	see identification
81-0104	Number: caught by hand	ones	FHDR ASSC LFLS KPSF	NS	3	hand	
	identification	N/A	FHDR	2	1	hand	
			ASSC	1	1		
			LFLS	2	1		
			KPSF	2	1		
81-0105	Number in gillnet	ones	PCHR ARCS LKWT BDWT LSCS CHAR LNSK SFCD STFL	4	4	gillnet	125 m long; five - 25 m panels of 38, 64, 89, 114, and 139 mm mesh sizes (stretched mesh measure)
	in domestic fishery	ones	PCHR ARCS LKWT BDWT LSCS CHAR LNSK STFL	NS	12	gillnet	10-50 m long; 1.5-2.5 m deep; 89, 114, or 139 mm mesh sizes (stretched mesh measure?)

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	stomach preserved in 10% formalin	identified at least to order	N/A	N/A	N/A	
a) NS b) NS	none, analysis on site	identified by fishermen	N/A	N/A	N/A	
see identification	none, specimens measured at processing plant	to nearest mm	NS	NS	3	
see identification	none, specimens measured at processing plant	to nearest 50 g; dressed weight (gills and viscera removed) measured	NS	NS	2	Total production of fishery was 48,442 kg (dressed weight).
see identification	dry in envelopes	ground on a carborundum stone; immersed in a 3:1 solution of benzyl-benzoate and methyl salicylate on a depression slide, and annuli counted with aid of a dissecting microscope	NS	NS	4	
samples collected during SCUBA dives; depth - 9.1 m	none, analysis on site	counted by ones	NS	NS	N/A	
see number	10% formalin; 70% ethanol	McAllister (1960) and Leim and Scott (1966)	N/A	N/A	N/A	
set duration: 12-24 h	none, analysis on site	counted by ones	NS	NS	2	Experimental netting program.
set duration: net checked twice a day	none, analysis on site	counted by ones	NS	NS	2	Domestic fishermen were interviewed immediately after they had checked their nets.

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
81-0105 Cont'd	Identification	N/A	PCHR	2	NS	gillnet	see number
			ARCS	8	NS		
			LKWT	159	NS		
			BDWT	42	NS		
			BDWT	42	NS		
			LSCS	3	NS		
			CHAR	249	16?		
			LNSK	31	NS		
			SFCD	3	NS		
			STFL	31	NS		
	Morphometrics: length, fork	mm	CHAR	249	16?	gillnet	see number
	weight	g	CHAR	249	16?	gillnet	see number
	Age: # of annuli, otolith	years	CHAR	226	16?	gillnet	see number
	Reproduction: testes, presence/ absence	N/A	CHAR	118	NS	gillnet	see number
	testes, relative developmental stage	N/A	CHAR	118	NS	gillnet	see number
	ovaries, presence/ absence	N/A	CHAR	130	NS	gillnet	see number
	ovaries, relative developmental stage	N/A	CHAR	130	NS	gillnet	see number
81-0106	Number: in trawl	ones	ARCD SHSC	NS	NS	otter trawl	1 m opening
	Identification:	N/A	ARCD	7	NS	otter trawl	see number
			SHSC	8	NS		
	Morphometrics: weight	NS	ARCD	7	NS	otter trawl	see number
			SHSC	8	NS		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	none, analysis on site	Scott and Crossman (1973) and Hart (1973)	N/A	N/A	N/A	Numbers of PCHR, ARCS, LSCS, LNSK, and STFL not available for the fall domestic fishery. domestic fishery.
see number	none, analysis on site	to nearest mm	NS	NS	3	
see number	none, analysis on site	to nearest 25 g	NS	NS	2	
see number	dry in envelopes	ground on a carborundum stone; immersed in a 3:1 solution of benzyl-benzoate and methyl salicylate on a depression slide, and annuli counted by G.W. Carder with aid of a dissecting microscope (x30)	NS	NS	4	
see number	none, analysis on site	gross examination	N/A	N/A	N/A	
see number	none, analysis on site	gonads classified from 6 (immature) to 10 (resting); Note 19	NS	NS	3	
see number	none, analysis on site	gross examination	N/A	N/A	N/A	
see number	none, analysis on site	gonads classified from 1 (immature) to 5 (resting); Note 19	NS	NS	3	
towed from a zodiac; tow duration: 15-20 min; tow depth: 0-10 m		counted by ones	NS	NS	2	
see number	NS	NS	N/A	N/A	N/A	
see number	NS	NS	NS	NS	2	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
82-0117	Identification	N/A	CHAR	NS	1	gillnet	139 mm mesh size
	Morphometrics: length, fork	mm	CHAR	202	1	see identification	see identification
	weight	g	CHAR	202	1	see identification	see identification
	Age: # of annuli, otolith	years	CHAR	166	1	see identification	see identification
	Reproduction: testes, presence/ absence	N/A	CHAR	101	1	see identification	see identification
	ovaries, presence/ absence	N/A	CHAR	100	1	see identification	see identification
82-0118	Number: in domestic fishery	ones	CHAR	6	2	gillnet	25? or 50 m long; 1.5-2.5 m deep; 89 (2 nets) and 139 (4 nets) mm mesh sizes (stretched mesh measure?)
	in domestic fishery cont'd						
	Identification	N/A	CHAR	98	2	gillnet	see number
	Morphometrics: length, fork	mm	CHAR	96	2	gillnet	see number
	weight	g	CHAR	96	2	gillnet	see number
	Age: # of annuli, otolith	years	CHAR	82	2	gillnet	see number
	Reproduction: testes, presence/ absence	N/A	CHAR	44	2	gillnet	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
NS	none, analysis on site	identified by fishermen	N/A	N/A	N/A	
see identification	none, analysis on site?	NS	NS	NS	3	
see identification	none, analysis on site?	NS	NS	NS	2	Total production of fishery was 2470 kg.
see identification	dry in envelopes	ground on a carborundum stone; immersed in a 3:1 solution of benzyl-benzoate and methyl salicylate on a depression slide, and annuli counted by G.W. Carder with aid of a dissecting microscope	NS	NS	4	
see identification	none, analysis on site	gross examination	N/A	N/A	N/A	
see identification	none, analysis on site	gross examination	N/A	N/A	N/A	
NS	none, analysis on site	counted by ones	NS	NS	2	Domestic fishery conducted by Wildlife Officers.
NS	none, analysis on site	NS	N/A	N/A	N/A	
NS	none, analysis on site	to nearest mm	NS	NS	3	
NS	none, analysis on site	to nearest 25 g	NS	NS	2	
NS	dry in envelopes	ground on a carborundum stone; immersed in a 3:1 solution of benzyl-benzoate and methyl salicylate on a depression slide and annuli counted by G.W. Carder with aid of a dissecting microscope	NS	NS	4	
NS	none, analysis on site	gross examination	N/A	N/A	N/A	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
82-0118 Cont'd	testes, relative developmental stage	N/A	CHAR	44	2	gillnet	see number
	ovaries, presence/absence	N/A	CHAR	48	2	gillnet	see number
	ovaries, relative developmental stage	N/A	CHAR	48	2	gillnet	see number
82-0119	Number:						
	in gillnet	ones	ARCS	1	1	gillnet	multifilament nylon; 1.8x60 m; six 10 m panels of 10, 19, 33, 45, 55, and 60 mm mesh size respectively (bar mesh measure)
			CHAR				
			OGAC				
			FHSC				
	identification	N/A	ARCS	2	1	gillnet	see number
			CHAR	2	1		
			OGAC	8	1		
			FHSC	45	1		
	Morphometrics:						
	length, total	mm	OGAC	8	1	gillnet	see number
			FHSC	45	1		
	length, fork	mm	ARCS	2	1	gillnet	see number
			CHAR	2	1		
	weight	g	ARCS	2	1	gillnet	see number
			CHAR	2	1		
			OGAC	8	1		
			FHSC	45	1		
	Age:						
	# of annuli, scale	years	CHAR	2	1	gillnet	see number
	# of annuli, otolith	years	CHAR	2	1	gillnet	see number
	Reproduction:						
	testes, presence/absence	N/A	ARCS	2	1	gillnet	see number
			CHAR	1	1		
			OGAC	2	1		
			FHSC	12	1		
	testes, relative developmental stage	N/A	ARCS	2	1	gillnet	see number
			CHAR	1	1		
			OGAC	2	1		
			FHSC	12	1		
	ovaries, presence/absence	N/A	CHAR	1	1	gillnet	see number
			OGAC	4	1		
			FHSC	33	1		
	ovaries, relative developmental stage	N/A	CHAR	1	1	gillnet	see number
			OGAC	4	1		
			FHSC	33	1		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
NS	none, analysis on site	gonads classified from 6 (immature) to 10 (resting); Note 19	NS	NS	3	
NS	none, analysis on site	gross examination	N/A	N/A	N/A	
NS	none, analysis on site	gonads classified from 1 (immature) to 5 (resting); Note 19	NS	NS	3	
set duration: 19 h	none, analysis on site	counted by ones	NS	NS	2	
see number	none, analysis on site	McAllister (1960) utilized	N/A	N/A	N/A	
see number	none, analysis on site	NS	NS	NS	3	
see number	none, analysis on site	NS	NS	NS	3	
see number	none, analysis on site	calibrated accu-weight spring scale; 0-30±0.5 g, 30-2,000±10 g, 2,000-10,000±50 g	NS	NS	3	
see number	stored dry in coin envelopes	read on Leitz Trichinoscope (Model IX-Q)	NS	NS	2	
see number	stored dry in coin envelopes	method of Grainger (1953); examined with binocular microscope	NS	NS	2	
see number	none, analysis on site	gross examination	N/A	N/A	N/A	
see number	none, analysis on site	gonads classified as 1 (immature) to 6 (spent); Note 18	NS	NS	3	
see number	none, analysis on site	gross examination	N/A	N/A	N/A	
see number	none, analysis on site	gonads classified as 7 (immature) to (12) spent: Note 18	NS	NS	3	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
82-0119	Food:						
Cont'd	gut contents, % full	N/A	ARCS	2	1	gillnet	see number
			CHAR	2	1		
			OGAC	6	1		
			FHSC	43	1		
	gut contents, species	N/A	ARCS	2	1	gillnet	see number
			CHAR	2	1		
			OGAC	6	1		
			FHSC	43	1		
	Parasitology:						
	presence/absence	N/A	ARCS	2	1	gillnet	see number
			CHAR	2	1		
			OGAC	6	1		
	numbers	ones	ARCS	2	1	gillnet	see number
			CHAR	2	1		
			OGAC	6	1		
	identification	N/A	ARCS	2	1	gillnet	see number
			CHAR	2	1		
			OGAC	6	1		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	analysis on site and on frozen samples	stomachs assigned fractional fullness values (0 = empty to 1 = full) based on apparent capacity and contents	N/A	N/A	N/A	
see number	frozen	identified at least to order	NS	NS	N/A	
see number	analysis on site and on frozen sub-samples	skin, mouth, gills, digestive tract, body cavity, and swimbladder examined on site and on preserved sub-samples. heart, spleen, kidneys, liver, gallbladder, eyes, and musculature preserved and examined in laboratory.	NS	NS	N/A	
see number	analysis on site and on frozen sub-samples	numbers estimated on site and counts made on preserved samples in the laboratory; for each fish, assigned values of 1 (1-25 parasites) to 8 (>2,000 parasites) given for each parasite species found	NS	NS	2	
see number	trematodes, cestodes, and acanthocephalons relaxed in cold water, heat killed (except acanthocephalons), fixed in formyl acetic acid, stored in 70% ethanol; nematodes killed in hot 70% ethanol, stored in 70% ethanol; nematodes killed in hot 70% ethanol, stored in 70% ethanol; parasitic copepods fixed and stored in 70% ethanol	processed according to standard parasitological procedures; nematodes cleared in glycerine; identified from various keys	N/A	N/A	N/A	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
82-0148	Identification	N/A	CHAR	NS	6	a) gillnet	a) 139-159 mm mesh sizes (stretched mesh measure)
						b) trap	b) experimental fish weir
	Morphometrics: length, fork	mm	CHAR	1164	6	see identification	see identification
	weight	g	CHAR	1164	6	see identification	see identification
	Age: # of annuli, otolith	years	CHAR	742	6	see identification	see identification
83-0063	Identification	N/A	CHAR	NS	6	a) gillnet	a) 139-159 mm mesh sizes (stretched mesh measure)
						b) trap	b) experimental fish weir
	Morphometrics: length, fork	mm	CHAR	1404	6	see identification	see identification
	weight	g	CHAR	1404	6	see identification	see identification
	Age: # of annuli, otolith	years	CHAR	847	6	see identification	see identification

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
a) NS b) NS	none, analysis on site	identified by fishermen	N/A	N/A	N/A	
see identification	none, specimens measured at processing plant	to nearest mm	NS	NS	3	
see identification	none, specimens measured at processing plant	to nearest 50 g; dressed weight (gills and viscera removed) measured	NS	NS	2	Total production was 42,895 kg (dressed weight).
see identification	dry in envelopes	ground on a carborundum stone; immersed in a 3:1 solution of benzyl-benzoate and methyl salicylate on a depression slide, and annuli counted with aid of a dissecting microscope	NS	NS	4	
a) NS b) NS	none, analysis on site	identified by fishermen	N/A	N/A	N/A	
see identification	none, specimens measured at processing plant	to nearest mm	NS	NS	3	
see identification	none, specimens measured at processing plant	to nearest 50 g; dressed weight (gills and viscera removed) measured	NS	NS	2	Total production of fishery was 49,292 kg (dressed weight).
see identification	dry in scale envelopes	ground on carborundum stone; immersed in a 3:1 solution of benzyl-benzoate and methyl salicylate on a depression slide, and annuli counted with aid of a dissecting microscope	NS	NS	4	

Data Table 2 Continued.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
84-0037	Identification	N/A	CHAR	NS	6	gillnet	139-159 mm mesh sizes (stretched mesh measure)
	Morphometrics: length, fork	mm	CHAR	1631	6	gillnet	see identification
	weight	g	CHAR	1631	6	gillnet	see identification
	Age: # of annuli, otolith	years	CHAR	1217	6	gillnet	see identification
84-0038	Number: caught by hand	ones	FHDR ASSC THSC STSC LFLS	NS	3	hand	N/A
	Identification	N/A	FHDR	1	1	hand	N/A
			ASSC	1	1		
			THSC	1	1		
			STSC	1	1		
			LFLS	3	1		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
NS	none, analysis on site	identified by fishermen	N/A	N/A	N/A	
see identification	none, specimens measured at processing plant	to nearest mm	NS	NS	3	
see identification	none, specimens measured at processing plant	to nearest 50 g; dressed weight (gills and viscera removed) measured	NS	NS	2	Total production of fishery was 50,371 kg (dressed weight).
see identification	dry in scale envelopes	ground on carborundum stone; immersed in a 3:1 solution of benzyl-benzoate and methyl salicylate on a depression slide, and annuli counted with aid of a dissecting microscope	NS	NS	4	
samples collected during SCUBA dives; depth: 9.1-13.7 m	none, analysis on site	counted by ones	NS	NS	N/A	
see number	10% formalin; 70% ethanol	McAllister (1960) and Leim and Scott (1966)	N/A	N/A	N/A	

Data Table 2

Queen Elizabeth Islands

Data Table 2.

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
51-0027	Number:						
	in bottom dredge	ones	GLSF	NS	NS	bottom dredge	6 mm mesh size; grappling hooks in front of opening stirred bottom
	in gut contents	ones	GLSF	1	1	gut contents	tern gut contents
	Identification	N/A	CHAR	NS	NS	see number	see number
			FHDR	1	1		
			THSC	9	NS		
			FHSC	2	NS		
			GLSF	7	NS		
			KPSF	2	NS		
	Morphometrics:						
	length, standard	mm	THSC	9	NS	see number	see number
			FHSC	2	NS		
	# of fin rays/spines (first dorsal)	ones	THSC	3	NS	see number	see number
			FHSC	2	NS		
			GLSF	6	NS		
			KPSF	2	NS		
	(second dorsal)	ones	THSC	3	NS	see number	see number
			FHSC	2	NS		
	(anal)	ones	THSC	2	NS	see number	see number
			FHSC	2	NS		
			GLSF	5	NS		
			KPSF	2	NS		
	(pectoral)	ones	THSC	1	1	see number	see number
			FHSC	2	NS		
			GLSF	1	1		
			KPSF	2	NS		
	(pelvic)	ones	THSC	3	NS	see number	see number
			FHSC	2	NS		
	# of pyloric caeca	ones	GLSF	2	NS	see number	see number
	length of various body parts	mm	THSC	2	NS	see number	see number
	Reproduction:						
	external sexual characteristics	N/A	THSC	1	1	see number	see number
52-0030	Number:						
	in gillnet	ones	CHAR	NS	NS	gillnet	a) 38, 102 mm mesh sizes b) 23 m, 25.4 mm mesh sizes
			FHSC				
	# in bottom dredge	ones	ARCD	NS	NS	bottom dredge	6 mm mesh size
			ASLS				

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
NS	NS	counted by ones	NS	NS	2	Do not specify method by which other species were obtained. However, they were probably also obtained by dredging.
-	NS	counted by ones	NS	NS	N/A	
see number	NS	identified by V. Walters, American Museum of Natural History	N/A	N/A	N/A	See Able and McAllister (1980) for identifications of *Liparis*.
see number	NS	NS	NS	NS	2	
see number	NS	counted by ones; spines, not fin rays, counted on THSC and FHSC	NS	NS	3	
see number	NS	counted by ones; last element not included	NS	NS	3	
see number	NS	counted by ones; last element not counted on THSC and FHSC	NS	NS	3	
see number	NS	counted by ones	NS	NS	3	
see number	NS	counted by ones	NS	NS	3	
see number	NS	NS	NS	NS	3	
see number	NS	head length, body depth, eye width, etc.	NS	NS	2	
see number	NS	presence of urogenital papilla	N/A	N/A	N/A	identified as a male.
a) NS b) initially fished on bottom, but then lifted about 0.3 m off bottom to avoid sculpins	none, analyzed on site	counted by ones	NS	NS	2	
pulled from a small boat; depths <46 m	none, analyzed on site	counted by ones	NS	NS	2	More species likely captured by dredging, but not directly specified.

Data Table 2 Continued

Data Set No.	Parameter Measurement	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
52-0030 Cont'd	# found dead	ones	ARCD	N/A	N/A	found dead	N/A
			NRWF				
	# in gut contents	ones	ARCD	NS	NS	gut contents	gut contents of CHAR and NRWF
			ASLS				
	Identification	N/A	CHAR	NS	NS	see number	see number
			ARCD	NS	NS		
			PAEP	8	NS		
			NRWF	1	1		
			THSC	9	NS		
			FHSC	30[2]	NS		
			ASLS	7	NS		
			OTHER[1]				
	Morphometrics: length, total	mm	CHAR	1	1	see number	see number
			NRWF	1	1		
	length, standard	mm	CHAR	1	1	see number	see number
			ARCD	1	1		
			PAEP	8	NS		
			NRWF	1	1		
			ASLS	4	2		
	weight	lbs/oz	CHAR	1	1	see number	see number
	# of fin rays/spines (first dorsal)	ones	PAEP	NS	NS	see number	see number
			NRWF	1	1		
			THSC	NS	NS		
			FHSC	23	NS		
	(second dorsal)	ones	THSC	NS	NS	see number	see number
			FHSC	23	NS		
	(anal)	ones	PAEP	NS	NS	see number	see number
			NRWF	1	1		
			THSC	NS	NS		
			FHSC	23	NS		
	(pectoral)	ones	PAEP	NS	NS	see number	see number
			THSC	9	NS		
			FHSC	23	NS		
	(pelvic)	ones	THSC	9	NS	see number	see number
	# of gill rakers	ones	CHAR	7	NS	see number	see number
	# of pyloric caeca	ones	CHAR	2	NS	see number	see number
			NRWF	1	1		
	length of various body parts	mm	NRWF	1	1	see number	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
N/A	none, analyzed on site	counted by ones	NS	NS	N/A	
N/A	NS	counted by ones	NS	NS	N/A	ARCD from CHAR gut contents. ASLS from NRWF gut contents.
see number	reference is made to preservation of ARCD by formalin	identified by V. Walters, American Museum of Natural History	N/A	N/A	N/A	[1]POCD, *Arctogadus* sp., and *Gymnocanthus* sp.?, have subsequently been identified from the collections and stored at the National Museum of Canada. [2]Number collected; more were captured.
see number	NS	NS	NS	NS	2	
see number	NS	NS	NS	NS	2	
see number	NS	NS	NS	NS	2	Weight given for one CHAR in reference; other data may exist.
see number	NS	PAEP - counts include one half of caudal fin; NRWF, THSC and FHSC - counts of dorsal spines; counted by ones	NS	NS	3	
see number	NS	THSC - last two rays counted as one; FHSC - last ray not counted; counted by ones	NS	NS	3	
see number	NS	PAEP - counts include one half of caudal fin; NRWF and THSC - last two rays counted as one; FHSC - last ray not counted; counted by ones	NS	NS	3	
see number	NS	counted by ones	NS	NS	3	
see number	NS	counted by ones	NS	NS	3	
see number	NS	counted by ones	NS	NS	3	
see number	NS	counted by ones	NS	NS	3	A single stubby pyloric caecum was noted on NRWF.
see number	NS	caudal length, head length, eye width, etc.	NS	NS	2	

Data Table 2 Continued

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
52-0030 Cont'd	testes, presence/ absence	N/A	NRWF	1	1	see number	see number
	ovaries, presence/ absence	N/A	CHAR	1	1	see number	see number
			THSC	2	NS		
			ASLS	1	1		
	Food:						
	gut contents, number of individuals	ones	CHAR	1	1	see number	see number
			NRWF	1	1		
	gut contents, identification	N/A	CHAR	NS	NS	see number	see number
			NRWF	1	1		
			FHSC	9	NS		
	Parasitology:						
	presence/absence, external	N/A	PAEP	8	NS	see number	see number
	numbers, external	ones	PAEP	8	NS	see number	see number
	identification	N/A	PAEP	4	NS	see number	see number
62-0005	Number:						
	in gillnet	ones	ASSC	Note 14	7	gillnet	Note 1
			SHSC				
	in trawl	ones	NS	Note 14	8	otter trawl	Note 6
	caught by hand	ones	NS	27	2	hand	Note 3
	in bottom dredge	ones	NS	Note 14	5	bottom dredge	Note 3
	caught by plankton net	ones	NS	Note 14	6	plankton net	Note 3
	caught by plankton net	ones	NS	Note 14	4	plankton net mounted on sled	Note 3
	caught by bottom grab	ones	NS	Note 14	2	bottom grab	Note 3
	identification	N/A	ASSC	1	1	see number	see number
			SHSC	8	1		
	Morphometrics:						
	length, total	mm	ASSC	1	1	see number	see number
			SHSC	8	1		
	weight	g	ASSC	1	1	see number	see number
			SHSC	8	1		

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	NS	NS	N/A	N/A	N/A	
see number	NS	NS	N/A	N/A	N/A	
see number	NS	CHAR contained about 110 ARCD; NRWF contained 4 ASLS	NS	NS	2	
see number	NS	Fish species in gut contents of CHAR and NRWF identified by V. Walters, American Museum of Natural History; crustaceans, amphipods, annelids, and fish eggs noted	N/A	N/A	N/A	
see number	NS	NS	N/A	N/A	N/A	
see number	NS	counted by ones	NS	NS	2	
see number	NS	Wilson (1915)	N/A	N/A	N/A	Four of eight PAEP had external copepod parasites.
Note 1	none, analysis on site	counted by ones	NS	NS	2	
Note 6	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	N/A	
NS	none, analysis on site	counted by ones	NS	NS	2	
NS	10% formalin	counted by ones	NS	NS	2	
NS	10% formalin	counted by ones	NS	NS	2	
NS	10% formalin	counted by ones	NS	NS	N/A	
see number	none, analysis on site or 10% formalin	Note 4	N/A	N/A	N/A	
see number	none, analysis on site or 10% formalin; Note 15	to nearest mm	NS	NS	2	
see number	none, analysis on site or 10% formalin; Note 15	Note 7	NS	NS	2	

Data Table 2 Continued

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
62-0005 Cont'd	Reproduction:						
	ovaries, presence/ absence	N/A	SHSC	1	1	see number	see number
	ovaries, relative developmental stage	N/A	SHSC	1	1	see number	see number
	ovaries, weight	g	SHSC	1	1	see number	see number
	egg diameter	mm	SHSC	1	1	see number	see number
	Food:						
	gut contents, identification	N/A	SHSC	1	1	see number	see number
	Parasitology:						
	presence/absence, by organ	N/A	SHSC	1	1	see number	see number
72-0016	Number:						
	caught on rod & line	ones	CHAR	NS	NS	rod & line	NS
	Identification	N/A	CHAR	4	NS	rod & line	NS
	Morphometrics:						
	length, fork	mm	CHAR	4	NS	rod & line	NS
	Reproduction:						
	testes, presence/ absence	N/A	CHAR	1	1	rod & line	NS
	ovaries, presence/ absence	N/A	CHAR	3	NS	rod & line	NS
74-0121	Number:						
	in gillnet	ones	none	2	2	gillnet	25 and 127 mm mesh sizes
	in trap	ones	none	3	3	trap	NS
75-0019	Number:						
	on longline	ones	none	35	1	longline	hooks on 1.2 m nylon 6.75 kg test line

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	none, analysis site or 10% formalin; Note 15	gross examination	N/A	N/A	N/A	
see number	none, analysis on site or 10% formalin; Note 15	gonads classified from 1 (immature) to 9 (recovering with old eggs); Note 8	NS	NS	2	
see number	none, analysis on site or 10% formalin; Note 15	Note 7	NS	NS	2	
see number	none, analysis on site or 10% formalin; Note 15	Note 9	NS	NS	2	
see number	none, analysis on site or 10% formalin; Note 15	Note 5	N/A	N/A	N/A	
see number	none, analysis on site or 10% formalin; Note 15	Note 10	N/A	N/A	N/A	
NS	none, analysis on site	counted by ones	NS	NS	N/A	
NS	none, analysis on site	NS	N/A	N/A	N/A	
NS	none, analysis on site	NS	NS	NS	2	
NS	none, analysis on site	NS	N/A	N/A	N/A	
NS	none, analysis on site	NS	N/A	N/A	N/A	
NS	none, analysis on site	counted by ones	NS	NS	2	Unidentified fishes spotted by divers. One "lumpfish" (length about 2 cm) was apparently captured during dive and preserved.
NS	none, analysis on site	counted by ones	NS	NS	2	
hooks placed at various depths and at	none, analysis on site	counted by ones	NS	NS	2	

Data Table 2 Continued

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
75-0019 Cont'd	on longline cont'd						attached along a Y 102 mm halibut line, baited with a variety of substances
	caught by hand	ones	ARCD	5	1	hand (or dipnet)	NS
	observed	ones	ARCD	4	1	visual observation	N/A
	recorded by camera	ones	OTHER	3	1	video camera	video camera, lighting unit mounted on a frame; baited hooks attached in front of camera
	identification	N/A	ARCD OTHER	9 1	1 1	see number	see number
	Morphometrics: length	cm	ARCD OTHER	8 1	1 1	see number	see number
	Reproduction: testes, presence/ absence	N/A	ARCD	1	1	see number	see number
	Food: gut contents, identification	N/A	ARCD	1	1	see number	see number
77-0118	Number: in gillnet	ones	none	NS	3	gillnet	NS
	in trawl	ones	ARCD	NS	4	otter trawl	NS
	caught by hand	ones	none	NS	1	hand	snorkeling dive

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
the bottom (132.5 m); set duration: 24 h						
taken from water surface in ice hole	none, analysis on site	counted by ones	NS	NS	N/A	
observed at water surface in ice hole	none, analysis on site	counted by ones	NS	NS	N/A	Several small larvae also observed, no number given.
unit lowered and raised through water column on three separate occasions for 4.0 h, 1.5 h, and 4 h respectively	video tape	observation of T.V. monitor; counted by ones	NS	NS	2	One "eel-like" fish was observed.
see number	one ARCD preserved in formalin; OTHER recorded on video	NS; several specimens were identified from a distance	N/A	N/A	N/A	Several small larvae were also observed and identified as ARCD. Difficult to identify fish from above the water, especially larvae, with accuracy.
see number	a) none, determined from a distance for three ARCD; b) measured on five ARCD - one which was preserved; c) OTHER - video tape	a) estimated from a distance; b) NS; c) estimated from video tape	NS	NS	2	Type of length measurement not specified.
see number	formalin	NS	N/A	N/A	N/A	
see number	NS	presence of zooplankton and amphipods was noted	N/A	N/A	N/A	
nearshore, open water	none, analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	2	
	none, analysis on site	counted by ones	NS	NS	N/A	

Data Table 2 Continued

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
77-0118 Cont'd	Identification	N/A	ARCD	4	2	otter trawl	NS
77-0119	Number:						
	in gillnet	ones	none	1	1	gillnet	45.7 m long; 38-76 mm mesh sizes
	in seine haul	ones	ARCD FHDR FHSC RBSC GLSF	NS	2	seine	18.3 m long; 6.4 mm mesh size at bag
	Identification	N/A	ARCD	NS	NS	seine	see number
			FHDR	NS	NS		
			FHSC	18	2		
			RBSC	NS	NS		
			GLSF	NS	NS		
	Morphometrics:						
	length, total	cm	FHSC	18	2	seine	see number
	weight	g	FHSC	17	2	seine	see number
81-0102	Number:						
	in gillnet	ones	RBSC	1	1	gillnet	multifilament nylon; 1.8x60 m; six-10 m panels of 10, 19, 33, 45, 55, and 60 mm mesh sizes (bar mesh measure)
	Identification	N/A	RBSC	5	1	see number	see number
	Morphometrics:						
	length, total	mm	RBSC	5	1	see number	see number
	weight	g	RBSC	5	1	see number	see number

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
NS	NS	NS[1]	N/A	N/A	N/A	[1]However, some samples taken in 1976 from Allen - Resolute bays identified by comparison of morphometric and meristic data obtained to those of other sources: McKenzie (1953), Walters (1955), Jensen (1948), Andriyashev (1954).
depth: 3-4 m; set duration: 7.5 h	none; analysis on site	counted by ones	NS	NS	2	
NS	none, analysis on site	counted by ones	NS	NS	2	
NS	NS	identified by D.E. McAllister, National Museum of Canada	N/A	N/A	N/A	
NS	frozen	NS	NS	NS	2	Not known if measurements were made before or after preservation.
NS	frozen	NS	NS	NS	2	Not known if measurements were made before or after preservation.
set time 21.5 h	none, analysis on site	counted by ones	NS	NS	4	
see number	10% formalin	verified by D.E. McAllister, National Museum of Canada	N/A	N/A	N/A	
see number	none, analysis on site	fish measuring board with metre stick	NS	NS	3	Report refers to fork length.
see number	none, analysis on site	calibrated Accu-weight spring scale; 0-30±0.5 g, 30-2,000±10 g, 2,000-10,000±50 g	NS	NS	3	

Data Table 2 Continued

Data Set No.	Measurement Parameter	Units	Species	No. of Samples	No. of Stations	Gear Type	Gear Description
81-0102 Cont'd	Reproduction:						
	testes, presence/ absence	N/A	RBSC	1	1	see number	see number
	testes, relative developmental stage	N/A	RBSC	1	1	see number	see number
	ovaries, presence/ absence	N/A	RBSC	1	1	see number	see number
	ovaries, relative developmental stage	N/A	RBSC	4	1	see number	see number
81-0108	Number:						
	caught by hand	ones	FHDR	NS	1	hand	-
	Identification	N/A	FHDR	1	1	hand	-
84-0039	Number:						
	caught by hand	ones	ARCD FHDR SDEP LFLS KPSF	NS	5	hand	-
	Identification	N/A	ARCD FHDR SDEP LFLS KPSF	1 2 2 2 5	1 2 2 2 4	hand	-

Gear Deployment	Sample Storage	Sample Analysis	Precision	Accuracy	Data Rating	Remarks
see number	none, analysis on site	gross examination	N/A	N/A	N/A	
see number	none, analysis on site	gonads classified as 1 (immature) to 6 (spent); Note 18	NS	NS	3	
see number	none, analysis on site	gross examination	N/A	N/A	N/A	
see number	none, analysis on site	gonads classified as 7 (immature) to 12 (spent); Note 18	NS	NS	3	
samples collected during SCUBA dives; depth - 12.2 m	none, analysis on site	counted by ones	NS	NS	N/A	
see number	10% formalin, 70% ethanol	McAllister (1960) and Leim and Scott (1966)	N/A	N/A	N/A	
samples collected during SCUBA dives; depth - 6.1-16.8 m	none, analysis on site	counted by ones	NS	NS	N/A	
see number	10% formalin, 70% ethanol	McAllister (1960) and Leim and Scott (1966)	N/A	N/A	N/A	

DATA TABLE 3: SAMPLING TIMES AND LOCATIONS

Table 3 presents detailed information on the times and locations of samples. Some data sets for which this information was unavailable are not included in the table. Missing information is indicated by blank spaces in the table.

Data Set I.D.

A unique identification number has been given to each data set. This number is used whenever the data set is referred to in all of the tables. The first two digits of the I.D. number identify the year in which the data were collected. The last four digits are the identifier for a particular data set. Data sets collected in the 19th century are identified by the 18 subscript. Data sets are listed in chronological order.

Station No./Location

Geographic location names are provided in this column. They are also shown in Figure 2. Station numbers used by the collecting agency are also given.

Latitude and Longitude

These are the latitudes and longitudes provided by the researcher, when available. In many cases these measurements have been derived from points indicated on maps.

Stn. Depth

This is the total water depth, in metres, at the sampling station.

Gear Type

This column names the type of sampling gear used to catch fish.

Time Sampled

This column indicates the dates or times at which a collection began and ended.

Interval

The interval is the time, in hours, that the gear was deployed.

Depth Sampled

Sampling depth is the depth at which the gear was seployed. It is given in metres.

Data Table 3

Northwest Passage

Data Table 3.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
18^{19}-0001	Winter Hbr.	74 46	110 25		found[1] dead	19				20					

[1] Three *Merlangus*? found frozen in ice at Melville Is. Other fish taken at Melville Is. and on shores of "North Georgia" (Parry Islands).

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
18^{19}-0002	North of Coppermine R.	67 50	115 00			21				21					
	Bathurst Inlet	67 30	108 00			21				21					

Richardson (1823) reported on specimens from the mouth of the Coppermine R., Bathurst Inlet, and from the Arctic Sea. The area between the Coppermine R. and Turnagain Pt. (Kent Peninsula) was explored. Exact positions not known.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
18^{24}-0001	Port Bowen	73 13	89 00			24				25					

Most specimens described were from the area around Port Bowen where H.M.S. *Hecla* and H.M.S. *Fury* were wintered.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
18^{29}-0001	Felix Hbr.[1]	69 59	92 02			29				31					
	Cape Isabella (Spence Bay)	69 27	93 50		purchased from Inuit	31	06			31	06				
	Batty Bay[2]	73 14	91 23			33	07			33	07				
	Sheriff Hbr.[3]	70 00	91 58			29				33					

Samples were also described from other unspecified locations along the east and west sides of the isthmus of Boothia. They were obtained from stomach contents, from Inuit, and from tide pools.

[1] Samples collected from stomach of glaucous gull and from nets. The *Victory* wintered at this location from 1829-30 and 1830-31.
[2] Samples taken through cracks in ice.
[3] Cottids found abundantly in tide pools.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
13-0001	Bernard Hbr. 37 d	68 45	114 45		gillnet	14	08	26		14	08	30			
	Bernard Hbr. 37 e	68 45	114 45		beam trawl	14	09	01		19	09	01		30 min.	
	Bernard Hbr. 37 m	68 45	114 45		gillnet	14	09	10							

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start				Time Sampled Stop				Interval (h)	Depth Sampled (m)
						Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr		
13-0001 cont'd	Bernard Hbr. 38 n	68 45	114 45		gillnet	14	09	25							
	Bernard Hbr. 37 s	68 45	114 45		gillnet	14	10	17							
	Bernard Hbr. 41	68 45	114 45		beam trawl	15	07	20		15	07	20		45 min.	
	Bernard Hbr. 41 b	68 45	114 45		gillnet	15	07	24							
	Bernard Hbr. 41 f	68 45	114 45		beam trawl	15	08	01		15	08	01		20 min.	
	Bernard Hbr. 41 k	68 45	114 45		gillnet	15	08	07							
	Bernard Hbr. 41 w	68 45	114 45		gillnet	15	08	25		15	08	26			
	Bernard Hbr. 41 v	68 45	114 45		gillnet	15	08	25		15	08	27			
	Bernard Hbr. 41 x	68 45	114 45		gillnet	15	08	[a]							
	Bernard Hbr. 41 y	68 45	114 45		gillnet	15	08	[a]							
	Bernard Hbr. 41 z	68 45	114 45		gillnet	15	08	[a]							
	Bernard Hbr. 42 b	68 45	114 45		gillnet	15	09	01							
	Bernard Hbr. 42 c	68 45	114 45		gillnet	15	09	02							
	Bernard Hbr. 42 d	68 45	114 45		gillnet	15	09	03							
	Bernard Hbr. 42 f	68 45	114 45		gillnet	15	09	05							
	Bernard Hbr. 42 g	68 45	114 45		gillnet	15	09	18							

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo Start	Dy	Hr	Yr	Mo Stop	Dy	Hr		
13-0001 cont'd	Bernard Hbr. 42 m	68 45	114 45		gillnet	15	09	22							
	Cockburn Pt. 43 a	68 52	115 00		beam trawl	15	09	13		15	09	13		60 min.	
	Stapylton Bay 43 b	68 52	116 15		beam trawl	15	09	14		15	09	14		30 min.	
	Cockburn Pt. 43 c	68 52	115 00		beam trawl	15	09	14		15	09	14		60 min.	
	Port Epworth 44 a	67 45	111 55		gillnet	15	07								
	Cape Barrow 44b	68 00	110 11		gillnet	15	08	06							
	Kanuyak Is., Bathurst Inlet 44e	67 30	108 00		gillnet	15	09	02							
	Kanuyak Is., Bathurst Inlet 44d	67 30	108 00		gillnet	15	09	05							
	East Barry Is., Bathurst Inlet 44 f	67 30	108 00		gillnet	15	09	08							
	Port Epworth 44 g	67 45	111 55		gillnet	15	10	04							
	Cape Barrow 44 h	68 00	110 11		gillnet	15	09	26							
	Bernard Hbr. 49 f	68 45	114 45		hook and line	16	06	14							
	Bernard Hbr. 49 g	68 45	114 45		hook and line	16	06	15							
	Bernard Hbr. 49 h	68 45	114 45		hook and line	16	06	17							
	Bernard Hbr. 49 p	68 45	114 45		gillnet	16	06	27							

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
13-0001 cont'd	Cockburn Pt. 49 x	68 52	115 00		gillnet	16	07	08							
	Cockburn Pt. 49 x	68 52	115 00		gillnet	16	07	10							

Samples were also collected by baited trap, hand, bottom dredges, from stomach contents, and from Inuit at the above and additional locations.

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[a] End of August.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
53-0014	Northeast Castel Bay	74 14	119 30		gillnet	53	07	18		53	08	02			
	Lagoon, northwest Mercy Bay (Investigator Pt.)	74 12.5	119 07		gillnet	58	08	05		53	08	08			
	Back Pt., Mercy Bay	74 12.5	118 48		gillnet	58	08	[a]							

Approximate station positions determined from place names given in report.

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[a] Net set for a few days about 15 Aug.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
54-0033	Coppermine R. Delta	67 50	115 00		gillnet	54	06	24							
	Coppermine R. Delta	67 50	115 00		gillnet	54	06	29							
	Coppermine R. Delta	67 50	115 00		gillnet	54	06	30							
	Coppermine R. Delta	67 50	115 00		gillnet	54	07	02							
	Coppermine R. Delta	67 50	115 00		gillnet	54	07	05							
	Coppermine R. Delta	67 50	115 00		gillnet	54	07	18							
	Coppermine R. Delta	67 50	115 00		gillnet	54	07	23							

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
54-0033 cont'd	Coppermine R. Delta	67 50	115 00		gillnet	54	07	26							
	Coppermine R. Delta	67 50	115 00		gillnet	54	06	27							
	Cambridge Bay	69 05	105 00		gillnet	54	08	07							
	Spence Bay	69 30	93 30		gillnet	54	08	29							
	Arctic Bay	73 02	85 05	7	bottom grab	54	11	26							bottom
	Coppermine R. Delta	67 50	115 00		found dead	54	07	12							
	Coppermine R. Delta	67 50	115 00		found dead	54	07	16							
	Coppermine R. Delta	67 50	115 00		gut contents	54	07	12		54	07	27			
	Bathurst Inlet	66 50	108 00		observed	54	08	04		54	08	04			
	Cambridge Bay	69 05	105 00		observed	54	08	06		54	08	06			
	Coppermine R. Delta	67 50	115 00		hand net?	54	07	03		54	07	03			
	Port Epworth	67 45	111 55		hand net?	54	07	14		54	07	14			
	Cambridge Bay	69 05	105 00		hand net?	54	08	06		54	08	06			
	Approximate station positions determined from place names given in report. One specimen of LKCS from Bernier Bay (71°N86.5°W) also obtained from an Inuit trading into Arctic Bay.														
55-0040	Admiralty Inlet	73	86		found dead[a]	55	03								
	Approximate station position determined from place names given in report. Exact position not known.														

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[a] Specimen of SMLF? picked up beside a seal breathing hole.

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
57-0044	Coppermine R. 57-0902	67 50.0	115 2.0		gillnet	57	06	21		57	08	06			
	Coronation Gulf 57-0907	67 55.0	115 37.0		gillnet	57	08	03		57	08	06			0-3.0
	Coppermine R. 57-0902	67 50.0	115 2.0		hand seine	57	06	21		57	08	06			
	Coronation Gulf 57-0906	67 55.0	114 55.0		hand	57	08	16		57	09	17			
	Coronation Gulf 57-0906	67 55.0	114 55.0		plankton net	57	08	16		57	09	17			
	Coronation Gulf 57-0907	67 55.0	115 37.0		plankton net	57	08	03		57	08	06			0-3.0
	Coronation Gulf 57-0907	67 55.0	115 37.0		bottom dredge	57	08	03		57	08	06			0-3.0
	Coronation Gulf	67 55.0	115 37.0		explosives	57	06	21		57	08	06			0-3.0
	Latitudes and longitudes are from Hunter and Leach (1983a) and were originally obtained from topographic maps or hydrographic charts available at the time the work was performed.														
58-0044	Inner Browne Bay[1]	72 57	98 22		gillnet	58	07	08		58	09	09			
	Young Bay	72 37	97 05		gillnet	58	07	20		58	07	22			
	Guillemard Bay	71 52	98 15		gillnet	58	07	28		58	07	30			
	Dolphin R.	72 53	98 24		gillnet	58	08	05		58	08	06			
	Smith Bay	73 12	99 50		gillnet	58	08	12		58	08	13			
	Scott Bay	73 02	100 08		gillnet	58	08	14		58	08	15			
	Approximate station positions determined from place names given in report. Exact positions not known.														

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[1] Sampling for CHAR began at Base Camp on 8 July and continued until nets were lifted on 9 Sept.

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo Start	Dy	Hr	Yr	Mo Stop	Dy	Hr		
60-0068	Greinier R.	69 7.5	105 00	NS	gillnet?[a]	60	08	08		60	09	6		NS	NS
	Ekalluk R.	69 24.5	106 20	NS	gillnet?[a,c]	60	08	24		60	09	11		NS	NS
	Approximate latitudes and longitudes determined from sites referred to in report.														
61-0080	Cambridge Bay 61-1205	69 5.0	105 0.0		gillnet	61	08	12		61	08	20			
	Latitude and longitude are from Hunter and Leach (1983a) and were originally obtained from topographic maps or hydrographic charts available at the time the work was performed.														
61-0081	Greiner R.	69 7.5	105 00	NS	gillnet	61	07	18		61	08	29		NS	NS
	Approximate latitude and longitude determined from site referred to in report.														
62-0005	Banks Is. 62-1001	74 7.0	119 47.0		gillnet[a,b]	62	06	29		62	07	05			2.0
	Banks Is. 62-1002	74 4.0	119 45.0		gillnet[a]					62	06	30			4.0
	Banks Is. 62-1002	74 4.0	119 45.0		gillnet[a]					62	07	01			4.0
	Banks Is. 62-1002	74 4.0	119 45.0		gillnet[a]					62	07	18			4.0
	Banks Is. 62-1003	74 3.5	119 43.0		gillnet[c]	62	07	01		62	07	06			4.5
	Banks Is. 62-1003	74 3.5	119 43.0		gillnet[c]					62	08	09			4.5
	Banks Is. 62-1006	74 6.0	119 55.0		gillnet					62	07	07			12.0
	Banks Is. 62-1006	74 6.0	119 55.0		gillnet					62	07	08			12.0

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[a] Experimental fishery.
[b] Fishing occurred till mid-September.
[c] Domestic fishery.

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Time Sampled Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
62-0005 cont'd	Banks Is. 62-1007	74 7.0	119 46.0		gillnet[b]	62	07	17		62	07	20			2.0
	Banks Is. 62-1008	74 8.0	120 1.0		gillnet	62	07	15		62	07	19			1.5
	Banks Is. 62-1009	74 8.0	119 45.0		gillnet					62	07	18			3.0
	Banks Is. 62-1009	74 8.0	119 45.0		gillnet					62	07	19			3.0
	Banks Is. 62-1010	74 9.5	120 2.0		gillnet					62	08	03			6.0
	Banks Is. 62-1014	74 14.0	119 46.0		gillnet					62	08	02			3.0
	Banks Is. 62-1014	74 14.0	119 46.0		gillnet					62	08	07			3.0
	Banks Is. 62-1015	74 9.0	119 48.0		gillnet					62	08	11			2.0
	Creswell Bay 62-2001	72 45.3	94 6.0		gillnet					62	06	25			10.0
	Creswell Bay 62-2007	72 45.3	94 4.5		gillnet	62	07	02		62	07	03			0.0-30.0
	Creswell Bay 62-2007	72 45.6	94 4.5		gillnet					62	08	30			0.0-30.0
	Creswell Bay 62-2008	72 45.5	94 4.5		gillnet	62	07	03		62	07	25			20.0-45.0
	Creswell Bay 62-2017	72 46.3	93 55.0		gillnet					62	07	30			11.0
	Creswell Bay 62-2029	72 43.8	94 19.0		gillnet					62	08	08			10.0
	Cambridge Bay 62-2081	69 7.0	105 10.0		gillnet					62	09	10			
	Cambridge Bay 62-2082	69 7.0	105 10.0		gillnet					62	09	10			

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
62-0005 cont'd	Cambridge Bay 62-2083	69 7.0	105 10.0		gillnet					62	09	10			
	Cornwallis Is. 62-4006	74 39.1	94 15.7		gillnet	62	07	09		62	08	04			5.0-15.0
	Wellington Bay 62-7002	69 24.3	106 19.5		gillnet	62	06	03		62	09	29			6.0-8.0
	Wellington Bay 62-7003	69 24.3	106 19.5		gillnet	62	06	03		62	09	29			
	Wellington Bay 62-7006	69 24.3	106 19.5		gillnet					62	07	22			20.0
	Wellington Bay 62-7006	69 24.3	106 19.5		gillnet					62	07	30			20.0
	Wellington Bay 62-7007	69 24.3	106 19.5		gillnet	62	06	03		62	09	29			
	Wellington Bay 62-7009	69 24.3	106 19.5		gillnet	62	06	03		62	09	29			
	Wellington Bay 62-7011	69 24.3	106 19.5		gillnet	62	06	03		62	09	29			
	Wellington Bay 62-7013	69 24.3	106 19.5		gillnet	62	06	03		62	09	29			
	Wellington Bay 62-7014	69 24.3	106 19.5		gillnet	62	06	03		62	09	29			2.0-3.0
	Cape Enterprise 62-7300	69 10.0	106 20.0		gillnet	62	08	23		62	08	27			30.0
	Cape Enterprise 62-7303	69 10.0	106 20.0		gillnet	62	08	23		62	08	27			
	Cape Enterprise 62-7304	69 10.0	106 20.0		gillnet	62	08	23		62	08	27			
	Cape Enterprise 62-7306	69 10.0	106 20.0		gillnet	62	08	23		62	08	27			
	Cape Enterprise 62-7307	69 10.0	106 20.0		gillnet	62	08	23		62	08	27			

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
62-0005 cont'd	Cape Enterprise 62-7308	69 10.0	106 20.0		gillnet	62	08	23		62	08	27			
	Banks Is. 62-1004	74 5.0	119 44.0		beach seine	62	07	02							0.5
	Banks Is. 62-1005	74 6.0	119 55.0		beach seine	62	07	07							1.0
	Prince of Wales Str. 62-1105	72 53.0	118 1.0		beach seine	62	07	25							0.8
	Prince of Wales Str. 62-1105	72 53.0	118 1.0		hand seine	62	07	25							0.8
	Wellington Bay 62-7008	69 24.3	106 19.5		hand seine	62	07	28							
	Banks Is. 62-1017	74 17.0	120 0.0		otter trawl	62	08	05		62	08	05			50.0
	Banks Is. 62-1017	74 17.0	120 0.0		otter trawl	62	08	11		62	08	11			50.0
	Prince of Whales Str. 62-1101	72 53.0	118 1.0		otter trawl	62	07	24		62	07	24			4.0
	Prince of Whales Str. 62-1102	72 53.0	118 1.0		otter trawl	62	07	24		62	07	24			2.0
	Prince of Whales Str. 62-1103	72 53.0	118 1.0		otter trawl	62	07	24		62	07	24			26.0
	Prince of Whales Str. 62-1106	72 53.0	118 1.0		otter trawl	62	07	26		62	07	26			0.0-7.0
	Prince of Whales Str. 62-1107	72 53.0	118 1.0		otter trawl	62	07	26		62	07	26			0-160
	Prince of Whales Str. 62-1108	72 55.0	117 52.0		otter trawl	62	07	26		62	07	26			0-50.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr		
							Start				Stop				
62-0005 cont'd	Prince of Whales Str. 62-1108	72 53.0	118 52.0		otter trawl	62	07	27		62	07	27			0-50.0
	Cambridge Bay 62-2081	69 7.0	105 10.0		otter trawl	62	09	10		62	09	10			
	Cambridge Bay 62-2082	69 7.0	105 10.0		otter trawl	62	09	10		62	09	10			
	Cambridge Bay 62-2083	69 7.0	105 10.0		otter trawl	62	09	10		62	09	10			
	Cornwallis Is. 62-4001	74 36.0	94 13.0		otter trawl	62	06	23		62	08	14			35.0-62.0
	Cornwallis Is. 62-4003	74 37.5	94 12.0		otter trawl	62	06	28		62	08	14			10.0-30.0
	Cornwallis Is. 62-4005	74 39.1	94 15.3		otter trawl	62	07	07		62	08	03			0.0-2.0
	Cornwallis Is. 62-4006	74 39.1	94 15.7		otter trawl	62	07	09		62	08	04			5.0-15.0
	Cornwallis Is. 62-4007	74 38.2	94 16.8		otter trawl	62	07	17		62	07	17			10.0
	Cornwallis Is. 62-4008	74 38.8	94 18.0		otter trawl	62	07	19		62	07	19			13.0
	Cornwallis Is. 62-4009	74 37.5	94 26.3		otter trawl	62	07	25		62	07	25			10.0
	Cornwallis Is. 62-4010	74 37.7	94 21.3		otter trawl	62	07	25		62	07	25			6.0
	Cornwallis Is. 62-4011	74 37.8	94 18.3		otter trawl	62	07	25		62	07	25			18.0
	Cornwallis Is. 62-4012	74 37.8	94 17.2		otter trawl	62	07	25		62	07	25			24.0
	Cornwallis Is. 62-4013	74 38.0	94 14.4		otter trawl	62	07	25		62	07	25			6.0
	Cornwallis Is. 62-4014	74 38.4	94 18.4		otter trawl	62	07	25		62	07	25			10.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
62-0005 cont'd	Cornwallis Is. 62-4015	74 38.2	94 18.7		otter trawl	62	07	25		62	07	25			
	Cornwallis Is. 62-4016	74 38.0	94 19.0		otter trawl	62	07	25		62	07	25			
	Cornwallis Is. 62-4017	74 38.4	94 16.7		otter trawl	62	07	25		62	07	25			8.0
	Cornwallis Is. 62-4018	74 38.3	94 21.3		otter trawl	62	07	28		62	07	28			4.0
	Cape Enterprise 62-7300	69 10.0	106 20.0		otter trawl	62	08	23		62	08	27			30.0
	Cape Enterprise 62-7301	69 10.0	106 20.0		otter trawl	62	08	23		62	08	23			
	Cape Enterprise 62-7302	69 10.0	106 20.0		otter trawl	62	08	23		62	08	23			50.0-60.0
	Cape Enterprise 62-7305	69 10.0	106 20.0		otter trawl	62	08	24		62	08	24			20.0-30.0
	Banks Is. 62-1004	74 5.0	119 44.0		rotenone	62	07	02							0.5
	Banks Is. 62-1005	74 6.0	119 55.0		rotenone	62	07	07							1.0
	Creswell Bay 62-2006	72 46.5	94 9.0		hand	62	06	29							25.0
	Cornwallis Is. 62-4002	74 39.4	94 16.0		hand	62	06	25							0.0
	Cornwallis Is. 62-4005	74 39.1	94 15.3		hand	62	07	07		62	08	03			0.0-2.0
	Cornwallis Is. 62-4019	74 39.3	94 17.2		hand	62	07	29							0.0
	Creswell Bay 62-2002	72 45.0	94 4.0		bottom dredge	62	06	23		62	08	11			33.0
	Creswell Bay 62-2003	72 45.5	94 7.0		bottom dredge	62	06	27		62	06	27			34.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo Start	Dy	Hr	Yr	Mo Stop	Dy	Hr		
62-0005 cont'd	Creswell Bay 62-2003	72 45.5	94 7.0		bottom dredge	62	07	23		62	07	28			34.0
	Creswell Bay 62-2007	72 45.6	94 4.5		bottom dredge	62	07	02		62	07	03			0.0-30.0
	Creswell Bay 62-2008	72 45.5	94 4.5		bottom dredge	62	07	03		62	07	25			20.0-45.0
	Creswell Bay 62-2009	72 45.0	94 4.5		bottom dredge	62	07	15		62	07	15			0.0-1.0
	Creswell Bay 62-2009	72 45.0	94 4.5		bottom dredge	62	07	25		62	07	25			35.0
	Creswell Bay 62-2011	72 45.3	94 4.0		bottom dredge	62	07	18		62	07	24			40.0
	Creswell Bay 62-2012	72 44.6	94 5.0		bottom dredge	62	07	25		62	07	25			36.0
	Creswell Bay 62-2013	72 43.3	94 5.0		bottom dredge	62	07	25		62	07	25			15.0-20.0
	Creswell Bay 62-2014	74 44.1	94 6.0		bottom dredge	62	07	25		62	07	25			35.0
	Creswell Bay 62-2015	72 48.8	93 50.0		bottom dredge	62	07	30		62	07	30			6.0-15.0
	Creswell Bay 62-2016	72 46.0	93 53.0		bottom dredge	62	07	30		62	07	30			15.0
	Creswell Bay 62-2017	72 46.0	93 55.0		bottom dredge	62	07	30		62	07	30			11.0
	Creswell Bay 62-2017	72 46.3	93 55.0		bottom dredge	62	08	06		62	08	09			24.0
	Creswell Bay 62-2027	72 45.2	93 49.5		bottom dredge	62	08	06		62	08	06			13.0
	Creswell Bay 62-2028	72 44.2	93 52.0		bottom dredge	62	08	06		62	08	06			26.0
	Creswell Bay 62-2030	72 46.3	93 55.0		bottom dredge	62	08	09		62	08	09			24.0-27.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
							Start				Stop				
62-0005 cont'd	Creswell Bay 62-2031	72 46.5	94 13.0		bottom dredge	62	08	11		62	08	11			40.0
	Creswell Bay 62-2032	72 46.5	94 15.5		bottom dredge	62	08	11		62	08	11			59.0-62.0
	Cornwallis Is. 4003	74 37.5	94 12.0		bottom dredge	62	06	28		62	08	14			30.0
	Banks Is. 62-1013	74 20.0	119 46.0		bottom sled with plankton net	62	08	02		62	08	02			38.0
	Banks Is. 62-1013	74 20.0	119 46.0		bottom sled with plankton net	62	08	07		62	08	07			38.0
	Banks Is. 62-1015	74 9.0	119 48.0		bottom sled with plankton net	62	08	11		62	08	11			2.0
	Banks Is. 62-1017	74 17.0	120 0.0		bottom sled with plankton net	62	08	05		62	08	05			50.0
	Banks Is. 62-1017	74 17.0	120 0.0		bottom sled with plankton net	62	08	11		62	08	11			50.0
	Prince of Wales Str. 62-1100	72 53.0	118 1.0		bottom sled with plankton net	62	07	25		62	07	25			
	Prince of Wales Str. 62-1100	72 53.0	118 1.0		bottom sled with plankton net	62	07	27		62	07	27			
	Prince of Wales Str. 62-1104	72 53.0	118 1.0		bottom sled with plankton net	62	07	25		62	07	25			0.3
	Creswell Bay 62-2008	72 45.5	94 4.5		bottom sled with plankton net	62	07	03		62	07	25			20.0-45.0
	Cornwallis Is. 62-4003	74 37.5	94 12.0		bottom sled with plankton net	62	06	28		62	08	14			10.0-30.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
62-0005 cont'd	Cornwallis Is. 62-4006	74 39.1	94 15.7		bottom sled with plankton net	62	07	09		62	08	04			5.0-15.0
	Cornwallis Is. 62-4701	74 39.3	94 18.8		bottom sled with plankton net	62	07	25		62	07	25			10.0
	Banks Is. 62-1012	74 9.0	120 1.0		plankton net	62	07	28							11.0
	Banks Is. 62-1013	74 20.0	119 46.0		plankton net	62	08	02							38.0
	Banks Is. 62-1013	74 20.0	119 46.0		plankton net	62	08	07							38.0
	Banks Is. 62-1017	74 17.0	120 0.0		plankton net	62	08	05							50.0
	Banks Is. 62-1017	74 17.0	120 0.0		plankton net	62	08	11							50.0
	Banks Is. 62-1018	74 21.0	120 25.0		plankton net	62	08	06							50.0
	Banks Is. 62-1018	74 21.0	120 25.0		plankton net	62	08	11							50.0
	Prince of Wales Str. 62-1100	72 53.0	118 1.0		plankton net	62	07	25							
	Prince of Wales Str. 62-1100	72 53.0	118 1.0		plankton net	62	07	27							
	Prince of Wales Str. 62-1108	72 55.0	117 52.0		plankton net	62	07	26							50.0
	Prince of Wales Str. 62-1108	72 55.0	117 52.0		plankton net	62	07	27							50.0
	Creswell Bay 62-2001	72 45.3	94 6.0		plankton net	62	06	25							10.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
62-0005 cont'd	Creswell Bay 62-2002	72 45.0	94 4.0		plankton net	62	06	23		62	08	11			33.0
	Creswell Bay 62-2003	72 45.5	94 7.0		plankton net	62	06	27							34.0
	Creswell Bay 62-2003	72 45.5	94 7.0		plankton net	62	07	23		62	07	28			34.0
	Creswell Bay 62-2010	72 43.0	94 11.5		plankton net	62	07	15							1.0
	Creswell Bay 62-2011	72 45.3	94 4.0		plankton net	62	07	18		62	07	24			40.0
	Cambridge Bay 62-2080	69 7.0	105 0.0		plankton net	62	09	07							50.0
	Cornwallis Is. 62-4001	74 36.0	94 13.0		plankton net	62	06	23		62	08	14			35.0-62.0
	Cornwallis Is. 62-4003	74 37.5	94 12.0		plankton net	62	06	28		62	08	14			10.0-30.0
	Cornwallis Is. 62-4005	74 39.1	94 15.3		plankton net	62	07	07		62	08	03			0.0-2.0
	Cornwallis Is. 62-4006	74 39.1	94 15.7		plankton net	62	07	09		62	080	04			5.0-15.0
	Cornwallis Is. 64-4702	74 39.6	94 14.6		plankton net	62	08	01							0.3
	Wellington Bay 62-7004	69 24.3	106 19.5		plankton	62	07	10							
	Wellington Bay 62-7006	69 24.3	106 18.2		plankton net	62	07	22							20.0
	Wellington Bay 62-7006	69 24.3	106 18.2		plankton net	62	07	30							20.0
	Wellington Bay 62-7015	69 24.3	106 19.5		plankton net	62	07	25							25.0
	Wellington Bay 62-7015	69 24.3	106 19.5		plankton net	62	08	09							25.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
						Start				Stop					
62-0005 cont'd	Cape Enterprise 62-7309	69 10.0	106 20.0		plankton net	62	08	27							
	Banks Is. 62-1001	74 7.0	119 47.0		bottom grab	62	06	29		62	07	25			2.0
	Banks Is. 62-1003	74 3.5	119 43.0		bottom grab	62	07	01		62	07	06			4.5
	Banks Is. 62-1003	74 3.5	119 43.0		bottom grab	62	08	09							4.5
	Creswell Bay 62-2001	72 45.3	94 6.0		bottom grab	62	06	25							10.0
	Creswell Bay 62-2002	72 45.0	94 4.0		bottom grab	62	06	23		62	08	11			33.0
	Creswell Bay 62-2003	72 45.5	94 7.0		bottom grab	62	06	27							34.0
	Creswell Bay 62-2003	72 45.5	94 7.0		bottom grab	62	07	23		62	07	28			34.0
	Creswell Bay 62-2004	72 45.3	94 7.5		bottom grab	62	06	29							9.0
	Creswell Bay 62-2005	72 45.0	94 7.7		bottom grab	62	06	29							10.0
	Creswell Bay 62-2008	72 45.5	94 4.5		bottom grab	62	07	03		62	07	25			20.0-45.0
	Cornwallis Is. 62-4003	74 37.5	94 12.0		bottom grab	62	06	28		62	08	14			10.0-30.0
	Cornwallis Is. 62-4006	74 39.1	94 15.7		bottom grab	62	07	09		62	08	04			5.0-15.0
	Wellington Bay 62-7006	69 24.3	106 19.5		bottom grab	62	07	22							20.0
	Wellington Bay 62-7006	69 24.3	106 19.5		bottom grab	62	07	30							20.0
	Wellington Bay 62-7015	69 24.3	106 19.5		bottom grab	62	07	25							25.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
62-0005 cont'd	Wellington Bay 62-7015	69 24.3	106 19.5		bottom grab	62	08	09							25.0

Latitudes and longitudes are from Hunter and Leach (1983a) and were originally obtained from topograhpic maps and hydrographic charts available at the time the work was performed.

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[a] 63 mm mesh size.
[b] 89 mm mesh size.
[c] 114 mm mesh size.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
62-0070	Ekalluk R.	69 24.5	106 20	NS	gillnet[a]	62	08	28		62	09	12		NS	NS
	Ekalluk R.	69 24.5	106 20	NS	trapnet[a]	62	08	28		62	09	12		NS	NS

Approximate latitude and longitude determined from sites referred to in report.

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[a] Trapnet was used initially but subsequently replaced by gillnets sometime during commercial sampling.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
63-0058	Ekalluk R.[a]	69 24.5	106 20	NS	gillnet[b]	63	08	23		63	09	10			
	Halovik R.	69 10	107 5	NS	gillnet[c]	63	NS	NS		63	NS	NS			
	Lauchlan R.	69 56	108 31	NS	gillnet[c]	63	NS	NS		63	NS	NS		5 days	

Approximate latitudes and longitudes determined from sites referred to in report.

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[a] Fishing occurred along coast 1.7-5 km on either side of the river mouth.
[b] Commercial fishery.
[c] Test fishery.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
64-0001	Cambridge Bay 64-0003B	69 6.7	105 1.4		gillnet[b-f]					64	08	29			14.6
	Cambridge Bay 64-0003B	69 6.7	105 1.4		gillnet[b-f]					64	08	30			14.6
	Cambridge Bay 64-0003B	69 6.7	105 1.4		gillnet[a,b]					64	09	07			14.6
	Cambridge Bay 64-0003C	69 6.3	105 2.0		gillnet[f]					64	09	03			1.0-10.0
	Cambridge Bay 64-0003C	69 6.3	105 2.0		gillnet[e]					64	09	03			10.0-17.

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr		
64-0001 cont'd	Cambridge Bay 64-0003C	69 6.3	105 2.0		gillnet[d]					64	09	03			17.0-41.0
	Cambridge Bay 64-0003C	69 6.3	105 2.0		gillnet[b]					64	09	03			41.0-42.0
	Cambridge Bay 64-0003C	69 6.3	105 2.0		gillnet[c]					64	09	03			40.0-42.0
	Cambridge Bay 64-0004	69 2.8	105 16.6		otter trawl	64	09	06		64	09	06			38.0
	Cambridge Bay 64-0003A	67 6.2	105 3.6		rod and line	64	08	26		64	08	26			66.0
	Cambridge[1] Bay 64-0003B	69 6.8	105 1.8		rod and line	64	08	28		64	08	28			38.0
	Cambridge Bay 64-0003B	69 6.9	105 2.0		long-line	64	09	01		64	09	01			25.0-49.0
	Coronation Gulf 64-0002	67 45.0	113 44.0		jig	64	08	20		64	08	20			
	Cambridge[2] Bay 64-0003A	67 6.2	105 3.6		jig	64	08	26		64	08	26			66.0
	Cambridge[3] Bay 64-003C	69 6.2	105 2.5		jig	64	09	02		64	09	02			21.0
	Cambridge[2] Bay 64-003C	69 6.4	105 2.5		jig	64	09	02		64	09	02			44.0
	Cambridge Bay 64-0003C	69 6.3	105 2.2		Hansen plankton net	64	09	06							45.0

Latitudes and longitudes are from Hunter and Leach (1983a) and were originally obtained from topographic maps or hydrographic charts available at the time the work was performed.

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[a] 13 mm mesh size.
[b] 38 mm mesh size.
[c] 63 mm mesh size.
[d] 89 mm mesh size.
[e] 114 mm mesh size.
[f] 140 mm mesh size.
[1] 4 samples.
[2] 3 samples.
[3] 2 samples

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
64-0055	Ekalluk R.	69 24.5	106 20	NS	gillnet	64	07	10		64	07	28		NS	NS

Approximate lattitude and longitude determined from site referred to in report.

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
65-0002	Cambridge Bay 65-1002	69 6.4	105 2.2		gillnet[c]					65	08	06			1.0-8.0
	Cambridge Bay 65-1002	69 6.4	105 2.2		gillnet[e]					65	07	25			5.0-10.0
	Cambridge Bay 65-1002	69 6.4	105 2.2		gillnet[e]					65	08	27			5.0-10.0
	Cambridge Bay 65-1003	69 6.4	105 2.2		gillnet[d]					65	07	25			10.0-18.0
	Cambridge Bay 65-1004	69 6.4	105 2.2		gillnet[c]					65	07	25			18.0-26.0
	Cambridge Bay 65-1005	69 6.4	105 2.2		gillnet[b]					65	07	25			26.0-32.0
	Cambridge Bay 65-1006	69 6.4	105 2.2		gillnet[a]					65	07	25			32.0-40.0
	Cambridge Bay 65-1009	69 6.0	105 6.0		gillnet[a]					65	08	04			56.0-70.0
	Cambridge Bay 65-1010	69 6.0	105 6.0		gillnet[b]					65	08	04			42.0-56.0
	Cambridge Bay 65-1011	69 6.0	105 6.0		gillnet[c]					65	08	04			28.0-42.0
	Cambridge Bay 65-1012	69 6.1	105 6.0		gillnet[d]					65	08	04			14.0-28.0
	Cambridge Bay 65-1013	69 6.1	105 6.0		gillnet[e]					65	08	04			1.0-14.0
	Cambridge Bay 65-1014	69 6.5	105 1.8		gillnet[b]					65	08	06			1.0-12.0
	Cambridge Bay 65-1015	69 6.5	105 1.6		gillnet[a]					65	08	06			1.0-10.0
	Hiukitak R. 65-1022	67 9.0	107 18.0		gillnet[a]					65	08	14			1.0-8.0
	Hiukitak R. 65-1022	67 9.0	107 18.0		gillnet[a]					65	08	15			8.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr		
65-0002 cont'd	Hiukitak R. 65-1023	67 9.0	107 18.0		gillnet[e]					65	08	14			1.0-7.0
	Hiukitak R. 65-1024	67 9.0	107 18.0		gillnet[b]					65	08	14			1.0-7.0
	Hiukitak R. 65-1025	67 9.0	107 18.0		gillnet[c]					65	08	14			1.0-1.8
	Hiukitak R. 65-1025	67 9.0	107 18.0		gillnet[c]					65	08	15			1.0-1.8
	Hiukitak R. 65-1026	67 9.0	107 18.0		gillnet[d]					65	08	14			1.0-7.0
	Hiukitak R. 65-1026	67 9.0	107 18.0		gillnet[d]					65	08	15			1.0-7.0
	Bay Chimo Hbr. 65-1028	67 41.8	107 55.0		gillnet[e]					65	08	16			2.0-11.0
	Bay Chimo Hbr. 65-1028	67 41.8	107 55.0		gillnet[e]					65	08	17			2.0-11.0
	Bay Chimo Hbr. 65-1029	67 41.8	107 55.0		gillnet[b]					65	08	16			2.0-11.0
	Bay Chimo Hbr. 65-1029	67 41.8	107 55.0		gillnet[b]					65	08	17			2.0-11.0
	Bay Chimo Hbr. 65-1030	67 41.8	107 55.0		gillnet[d]					65	08	16			2.0-3.5
	Bay Chimo Hbr. 65-1030	67 41.8	107 55.0		gillnet[d]					65	08	17			2.0-3.0
	Bay Chimo Hbr. 65-1031	67 41.8	107 55.0		gillnet[c]					65	08	16			4.0-9.0
	Bay Chimo Hbr. 65-1031	67 41.8	107 55.0		gillnet[c]					65	08	17			4.0-9.0
	Bay Chimo Hbr. 65-1032	67 41.8	107 55.0		gillnet[a]					65	08	16			1.0-8.0
	Bay Chimo Hbr. 65-1032	67 41.8	107 55.0		gillnet					65	08	17			1.0-8.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Typ.	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr		
						Start				Stop					
65-0002 cont'd	Detention Hbr. 65-1039	67 52.4	109 58.2		gillnet[e]					65	08	22			1.0-11.0
	Detention Hbr. 65-1040	67 52.4	109 58.2		gillnet[d]					65	08	22			7.0-15.0
	Detention Hbr. 65-1041	67 52.4	109 58.2		gillnet[c]					65	08	22			1.2-15.0
	Detention Hbr. 65-1042	67 52.4	109 58.2		gillnet[b]					65	08	22			3.0-10.0
	Detention Hbr. 65-1043	67 52.4	109 58.2		gillnet[a]					65	08	22			4.0-11.0
	Cambridge Bay 65-1054	69 6.3	105 4.8		gillnet[d,e]					65	09	05			50.0
	Cambridge Bay 65-1054	69 6.3	105 4.8		gillnet[d,e]					65	09	06			50.0
	Cambridge Bay 65-1054	69 6.3	105 4.8		gillnet[d,e]					65	09	09			50.0
	Bay Chimo Hbr. 65-1033	67 41.8	107 55.0		beach seine	65	08	16							0.0-2.0
	Bay Chimo Hbr. 65-1034	67 41.8	107 55.0		beach seine	65	08	16							0.0-3.0
	Perry Bay 65-1016	68 18.9	107 40.0		otter trawl	65	08	10		65	08	10			12.7
	Bay Chimo 65-1017	67 41.8	107 55.0		otter trawl	65	08	11		65	08	11			10.0-35.0
	Bay Chimo 65-1018	67 41.8	107 54.5		otter trawl	65	08	11		65	08	11			10.0-40.0
	Bay Chimo 65-1019	67 43.6	108 4.0		otter trawl	65	08	11		65	08	11			210.0
	Hiukitak R. 65-1020	67 9.5	107 26.0		otter trawl	65	08	13		65	08	13			35.0
	Hiukitak R. 65-1021	67 9.5	107 25.0		otter trawl	65	08	13		65	08	13			36.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
65-0002 cont'd	Bay Chimo Hbr. 65-1035	67 41.8	107 55.0		otter trawl	65	08	17		65	08	17			3.0-30.0
	N. of Bay Chimo 65-1037	67 53.8	107 49.0		otter trawl	65	08	18		65	08	18			140.0
	N. of Bay Chimo 65-1038	67 51.7	107 50.2		otter trawl	65	08	19		65	08	19			11.0
	Coronation Gulf 65-1044	68 18.2	109 15.0		otter trawl	65	08	23		65	08	23			123.0
	Turnagain Pt. 65-1045	68 39.4	108 14.6		otter trawl	65	08	23		65	08	23			7.0
	Finlayson Is. Is. 65-1047	69 10.0	105 50.0		otter trawl	65	08	27		65	08	27			50.0
	Wellington Bay 65-1048	69 9.8	106 37.0		otter trawl	65	08	30		65	08	30			60.0
	Wellington Bay 64-1049	69 11.4	106 33.0		otter trawl	65	08	30		65	08	30			40.0-47.0
	Wellington Bay 65-1050	69 10.0	106 28.0		otter trawl	65	09	01		65	09	01			51.0-60.0
	Wellington Bay 65-1051	69 9.7	106 26.0		otter trawl	65	09	01		65	09	01			40.0
	Bay Chimo Hbr. 65-1036	67 41.8	107 55.0		longline with multiple hooks	65	08	18		65	08	18			18.0-70.0
	Cambridge[1] Bay 65-1054	69 6.7	105 4.0		hand held fishing line and baited hook	65	09	05	1700	65	09	05	1830	1.5	18.0
	Cambridge Bay 65-1001	69 6.4	105 2.2		jig	65	07	03		65	07	03			32.0
	Cambridge Bay 65-1007	69 6.7	105 1.7		jig	65	07	29		65	07	29			
	Cambridge Bay 65-1008	69 6.9	105 2.3		jig	65	07	30		65	07	30			28.0-30.0
	Cambridge Bay 65-1046	69 7.1	105 1.2		jig	65	08	25		65	08	25			2.0-5.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
65-0002 cont'd	Cambridge Bay 65-1046	69 7.1	105 1.2		jig	65	08	26		65	08	26			5.0

Latitudes and longitudes are from Hunter and Leach (1983a) and were originally obtained from topographic maps or hydrographic charts available at the time the work was performed.

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[a] 38 mm mesh size.
[b] 63 mm mesh size.
[c] 89 mm mesh size.
[d] 114 mm mesh size.
[e] 140 mm mesh size.
[1] two handlines.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
65-0061	Ekalluk R.	69 24.5	106 20	NS	gillnet	65	08	15		65	09	04		NS	NS

Approximate latitude and longitude determined from site referred to in report.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
66-0005	Cambridge Bay 66-0002	69 6.6	105 3.8		gillnet[a]	66	07	20	2015	66	07	21	0930	13.25	16.4
	Wellington Bay 66-0006	69 24.3	106 19.5		gillnet[a]					66	08	19			
	Starvation Cove 66-0001	69 9.6	105 51.3		otter trawl	66	08	23	0949	66	08	23	0959	10 min.	42.0
	Starvation Cove 66-0001	69 9.6	105 51.3		otter trawl	66	08	23	1036	66	08	23	1046	10 min.	52.0-90.0
	Starvation Cove 66-0001	69 9.6	105 51.3		otter trawl	66	08	24	1036	66	08	24	1046	10 min.	52.0-90.0
	Starvation Cove 66-0001	69 9.6	105 51.3		otter trawl	66	08	24	1547	66	08	24	1552	5 min.	
	Starvation Cove 66-0001	69 9.6	105 51.3		otter trawl	66	08	24	1615	66	08	24	1620	5 min.	53.0
	Starvation Cove 66-0001	69 9.6	105 51.3		otter trawl	66	08	25	1518	66	08	25	1523	5 min.	
	Starvation Cove 66-0001	69 9.6	105 51.3		otter trawl	66	08	25	1552	66	08	25	1557	5 min.	
	Starvation Cove 66-0001	69 9.6	105 51.3		otter trawl	66	08	25	1627	66	08	25	1632	5 min.	
	Starvation Cove 66-0001	69 9.6	105 51.3		otter trawl	66	08	23	0914	66	08	23	0924	10 min.	53.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Time Sampled Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
66-0005 cont'd	Wellington Bay 66-0003	69 10.1	106 25.7		otter trawl	66	07	28	1521	66	07	28	1526	5 min.	
	Wellington Bay 66-0003	69 10.1	106 25.7		otter trawl	66	07	28	1545	66	07	28	1550	5 min.	
	Wellington Bay 66-0003	69 10.1	106 25.7		otter trawl	66	07	28	1608	66	07	28	1613	5 min.	
	Wellington Bay 66-0003	69 10.1	106 25.7		otter trawl	66	07	28	1630	66	07	28	1635	5 min.	
	Wellington Bay 66-0003	69 10.1	106 25.7		otter trawl	66	07	24	1726	66	07	28	1736	10 min.	40.2
	Wellington Bay 66-0003	69 10.1	106 25.7		otter trawl	66	07	28	1452	66	07	28	1457	5 min.	47.6-58.5
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	03	1011	66	08	03	1112	50 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	03	1046	66	08	03	1051	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	03	1116	66	08	03	1121	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	03	1148	66	08	03	1153	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	03	1222	66	08	03	1227	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	03	1255	66	08	03	1259	4 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	03	1322	66	08	03	1327	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	04	0942	66	08	04	0947	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	04	1020	66	08	04	1025	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	04	1113	66	08	04	1118	5 min.	53.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Start				Stop					
						Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr		
66-0005 cont'd	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	04	1151	66	08	04	1156	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	04	1231	66	08	04	1236	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	04	1601	66	08	04	1606	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	04	1649	66	08	04	1654	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	04	1730	66	08	04	1735	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	04	1809	66	08	04	1814	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	04	1859	66	08	04	1904	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	05	1009	66	08	05	1014	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	05	1117	66	08	05	1122	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	05	1149	66	08	05	1154	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	05	1256	66	08	05	1301	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	05	1508	66	08	05	1513	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	05	1535	66	08	05	1540	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	06	0846	66	08	06	0851	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	06	0926	66	08	06	0931	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	06	1011	66	08	06	1016	5 min.	53.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr		
						Start				Stop					
66-0005 cont'd	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	06	1045	66	08	06	1050	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	06	1123	66	08	06	1128	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	06	1201	66	08	06	1206	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	06	1507	66	08	06	1512	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	06	1540	66	08	06	1545	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	06	1616	66	08	06	1621	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	06	1650	66	08	06	1655	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	07	0807	66	08	07	0912	65 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	07	1017	66	08	07	1022	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	07	1054	66	08	07	1059	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	07	1126	66	08	07	1131	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	07	1202	66	08	07	1207	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	07	1235	66	08	07	1240	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	07	1315	66	08	07	1320	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	11	1617	66	08	11	1622	5 min.	50.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	11	1654	66	08	11	1659	5 min.	50.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
						Start				Stop					
66-0005 cont'd	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	12	1052	66	08	12	1057	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	12	1125	66	08	12	1130	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	12	1157	66	08	12	1202	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	12	1231	66	08	12	1236	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	12	1307	66	08	12	1312	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	12	1347	66	08	12	1352	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	12	1646	66	08	12	1651	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	12	1711	66	08	12	1716	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	12	1746	66	08	12	1751	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	14	1130	66	08	14	1135	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	14	1138	66	08	14	1203	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	14	1229	66	08	14	1234	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	14	1300	66	08	14	1305	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	14	1336	66	08	14	1341	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	14	1409	66	08	14	1414	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	14	1436	66	08	14	1441	5 min.	

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo Start	Dy	Hr	Yr	Mo Stop	Dy	Hr		
66-0005 cont'd	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	14	1514	66	08	14	1519	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	14	1546	66	08	14	1551	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	14	1626	66	08	14	1631	5 min.	
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	16	0731	66	08	16	0736	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	16	0809	66	08	16	0814	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	16	0840	66	08	16	0845	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	16	0913	66	08	16	0918	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	16	0955	66	08	16	1000	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	16	1043	66	08	16	1048	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	16	1116	66	08	16	1121	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	16	1157	66	08	16	1202	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	16	1516	66	08	16	1521	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	16	1546	66	08	16	1551	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	16	1653	66	08	16	1658	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	16	1726	66	08	16	1731	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	16	1804	66	08	16	1809	5 min.	53.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
66-0005 cont'd	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	16	1837	66	08	16	1842	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	16	1911	66	08	16	1916	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	17	1217	66	08	17	1222	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	17	1322	66	08	17	1327	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	17	1416	66	08	17	1421	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	17	1450	66	08	17	1457	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		otter trawl	66	08	17	1526	66	08	17	1531	5 min.	53.0
	Starvation Cove 66-0004	69 9.5	105 52.7		Van Veen grab	66	08	11							
	Starvation Cove 66-0004	69 9.5	105 52.7		Van Veen grab	66	08	11							
	Starvation Cove 66-0004	69 9.5	105 52.7		Van Veen grab	66	08	11							
	Starvation Cove 66-0004	69 9.5	105 52.7		Van Veen grab	66	08	11							

Latitudes and longitudes are from Hunter and Leach (1983a) and were originally obtained from topographic maps or hydrographic charts available at the time the work was performed.

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[a] 38, 63, 89, and 114 mm mesh sizes.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
66-0061	Ekalluk R.	69 24.5	106 20	NS	gillnet	66	08	19		66	09	09		NS	NS

Approximate latitude and longitude determined from site referred to in report.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
67-0001	Cambridge Bay 67-0002	69 6.2	105 2.6		gillnet[d,e]					67	07	25			30.0
	Cambridge Bay 67-0002	69 6.2	105 2.6		gillnet[c]					67	07	28			30.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start				Time Sampled Stop				Interval (h)	Depth Sampled (m)
						Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr		
67-0001 cont'd	Cambridge Bay 67-0002	69 6.2	105 2.6		gillnet[c]					67	07	29			30.0
	Cambridge Bay 67-0002	69 6.2	105 2.6		gillnet[a,b]					67	08	04			30.0
	Cambridge Bay 67-0002	69 6.2	105 2.6		gillnet[c]					67	09	18			20.0
	Cambridge Bay 67-0002	69 6.2	105 2.6		gillnet[c]					67	09	23			20.0
	Cambridge Bay 67-0003	69 7.1	105 1.3		gillnet[c]					67	07	28			6.0
	Cambridge Bay 67-0004	69 6.8	105 1.7		gillnet[a,b]					67	08	01			30.0
	Starvation Cove 67-0014	69 9.3	106 0.3		gillnet[c,d,e]					67	08	26			1.0-6.0
	Starvation Cove 67-0010	69 10.1	105 50.7		otter trawl	67	08	20		67	08	20			55.0-65.0
	Starvation Cove 67-0012	69 10.2	105 50.7		otter trawl	67	08	18		67	08	18			50.0
	Starvation Cove 67-0012	69 10.2	105 50.7		otter trawl	67	08	24		67	08	24			50.0
	Starvation Cove 67-0012	69 10.2	105 50.7		otter trawl	67	08	24		67	08	24			50.0
	Starvation Cove 67-0012	69 10.2	105 50.7		otter trawl	67	08	26		67	08	26			50.0
	Starvation Cove 67-0012	69 10.2	105 50.7		otter trawl	67	08	26		67	08	26			50.0
	Starvation Cove 67-0012	69 10.2	105 50.7		otter trawl	67	09	01		67	09	01			50.0
	Starvation Cove 67-0012	69 10.2	105 50.7		otter trawl	67	09	01		67	09	01			50.0
	Starvation Cove 67-0012	69 10.2	105 50.7		otter trawl	67	08	18		67	08	18			50.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
67-0001 cont'd	Starvation[1] Cove 67-0012	69 10.2	105 50.7		otter trawl	67	08	19		67	08	19			50.0
	Starvation[2] Cove 67-0012	69 10.2	105 50.7		otter trawl	67	08	20		67	08	20			50.0
	Starvation Cove 67-0013	69 10.9	105 50.7		otter trawl	67	09	07		67	09	07			10.0
	Starvation Cove 67-0015	69 10.7	105 50.0		otter trawl	67	08	27		67	08	27			11.0
	Starvation Cove 67-0016	69 10.3	105 50.0		otter trawl	67	08	27		67	08	27			30.0
	Starvation Cove 67-0017	69 8.7	105 47.0		otter trawl	67	08	27		67	08	27			58.0-71.0
	Cambridge Bay 67-0003	69 7.1	105 1.3		rod and line	67	07	27		67	07	27			6.0
	Cambridge Bay 67-0003	69 7.1	105 1.3		hand held fishing line with baited hook	67	07	30		67	07	30			6.0
	Cambridge[3] Bay 67-0001	69 6.7	105 2.3		jig	67	06	21		67	06	23			10.0-26.0
	Cambridge Bay 67-0002	69 6.2	105 12.4		jig	67	09	23		67	09	23			20.0
	Starvation Cove 67-0008	69 10.0	105 59.8		bottom dredge	67	07	16		67	07	16			54.0
	Dease Str. 67-0011	68 58.8	106 27.8		bottom dredge	67	08	18		67	08	18			120.0
	Starvation Cove 67-0013	69 10.9	105 50.7		bottom dredge	67	08	19		67	08	19			3.6
	Starvation Cove 67-0013	69 10.9	105 50.7		bottom dredge	67	08	19		67	08	19			4.0-90.0
	Starvation Cove 67-0008	69 10.0	105 59.8		bottom grab	67	07	16							54.0
	Starvation Cove 67-0009	69 10.0	105 51.0		bottom grab	67	11	23							40.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo Start	Dy	Hr	Yr	Mo Stop	Dy	Hr		
67-0001 cont'd	Dease Str. 67-0011	68 58.8	106 27.8		bottom grab	67	08	18							120.0

Latitudes and longitudes are from Hunter and Leach (1983a) and were originally obtained from topographic maps or hydrographic charts available at the time the work was performed.

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[a] 38 mm mesh size.
[b] 63 mm mesh size.
[c] 89 mm mesh size.
[d] 114 mm mesh size.
[e] 140 mm mesh size.
[1] Three samples.
[2] Six samples.
[3] Five samples.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
67-0046	Ekalluk R.	69 24.5	106 20	NS	gillnet	67	07	20		67	09	12		NS	NS

Approximate latitude and longitude determined from site referred to in report.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
68-0067	Ekalluk R.	69 24.5	106 20	NS	gillnet[a]	68	07	20		68	09	12		NS	NS
	Halovik R.	69 10	107 5	NS	gillnet[b]	68	08	23		68	08	25		NS	NS
	Paliryuak R.	69 27	106 41	NS	gillnet[c]	68	07	29		68	08	30		NS	NS

Approximate latitude and longitude determined from sites referred to in report.

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[a] 68.6 x 2.4 m.
[b] 91.4 x 3.7 m.
[c] 45.7 x 3.0 m.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
68-0068	Cambridge Bay 68-0115	69 6.3	105 2.5		gillnet[a]					68	08	12			30.0
	Cambridge Bay 68-0115	69 6.3	105 2.5		gillnet[b]					68	08	12			35.0
	Cambridge Bay 68-0115	69 6.3	105 2.5		gillnet[b]					68	08	12			40.0
	Starvation Cove 68-0123	69 9.8	106 0.4		gillnet					68	09	01			
	Starvation Cove 68-0125	69 9.4	106 0.3		gillnet[b]					68	09	04			
	Starvation Cove 68-0118	69 10.5	105 51.0		beach seine	68	08	20							

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr		
						Start				Stop					
68-0068 cont'd	Starvation Cove 68-0119	69 9.8	106 0.2		beach seine	68	08	14							
	Starvation Cove 68-0119	69 9.8	106 0.2		beach seine	68	09	01							
	Starvation Cove 68-0102	69 9.8	105 50.0		otter trawl	68	07	30		68	07	30			60.0
	Starvation Cove 68-0103	69 10.2	105 50.3		otter trawl	68	07	30		68	07	30			40.0
	Starvation Cove 68-0104	69 10.6	105 49.6		otter trawl	68	07	31		68	07	31			12.0
	Starvation Cove 68-0105	69 10.3	105 51.2		otter trawl	68	08	01		68	08	01			45.0
	Bathurst Inlet 68-0110	67 54.0	107 51.0		otter trawl	68	08	06		68	08	06			77.0
	Bathurst Inlet 68-0111	67 52.5	107 57.2		otter trawl	68	08	06		68	08	06			93.0
	Starvation Cove 68-0116	69 9.7	105 49.7		otter trawl	68	08	13		68	08	13			58.0
	Finlayson Is. 68-0117	69 7.3	105 56.3		otter trawl	68	08	14		68	08	14			73.0
	Starvation Cove 68-0106	69 9.5	105 51.2		stramen trawl	68	08	01		68	08	01			
	Bathurst Inlet 68-0112	67 33.7	107 50.3		stramen trawl	68	08	07		68	08	07			300.0
	Bathurst Inlet 68-0109	67 56.3	108 42.0		plankton net	68	08	06							216.0
	Bathurst Inlet 68-0112	67 33.7	107 50.3		plankton net	68	08	07							300.0
	Bathurst Inlet 68-0113	67 41.4	108 49.4		plankton net	68	08	08							200.0
	Cambridge Bay 68-0114	69 5.9	105 5.3		plankton net	68	08	12							93.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr		
							Start				Stop				
68-0068 cont'd	Finlayson[1] Is. 68-0117	69 7.3	105 56.3		bottom grab	68	08	14							73.0

Latitudes and longitudes are from Hunter and Leach (1983a) and were originally obtained from topographic maps or hydrographic charts available at the time the work was performed.

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[a] 38 mm mesh size.
[b] 89 mm mesh size.
[1] 20 samples.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
69-0067	Ekalluk R.	69 24.5	106 20	NS	gillnet	69	08	10		69	09	15		NS	NS
	Halovik R.	69 10	107 5	NS	gillnet	69	08	01		69	09	08		NS	NS

Approximate latitude and longitude determined from sites referred to in report.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
69-0068	Albert Edward Bay 69-2000	69 32.0	102 5.0		gillnet	69	07	01		69	07	08			
	Chapman Is. 69-1029	67 43.5	108 55.0		gillnet[a]					69	09	06			0.0-9.5
	Chapman Is. 69-1029	67 43.5	108 55.0		gillnet[a]					69	09	07			0.0-9.5
	Starvation[1] Cove 69-1002	69 10.1	105 51.5		otter trawl	69	08	09		69	08	09			54.0
	Starvation[1] Cove 69-1002	69 10.1	105 51.5		otter trawl	69	08	23		69	08	23			54.0
	Cambridge[2] Bay 69-1003	69 9.3	105 57.5		otter trawl	69	08	10		69	08	10			18.0-27.0
	Starvation[3] Cove 69-1010	69 6.5	105 52.0		otter trawl	69	08	24		69	08	24			47.0
	Starvation[4] Cove 69-1010	69 6.5	105 52.0		otter trawl	69	08	25		69	08	25			47.0
	Starvation[2] Cove 69-1010	69 6.5	105 52.0		otter trawl	69	08	26		69	08	26			47.0
	Starvation[5] Cove 69-1010	69 6.5	105 52.0		otter trawl	69	08	23		69	08	23			47.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
69-0068 cont'd	Starvation Cove 69-1012	69 6.5	105 52.0		otter trawl	69	08	26		69	08	26			40.0
	Starvation Cove 69-1013	69 6.5	105 52.0		otter trawl	69	08	26		69	08	26			30.0
	Starvation Cove 69-1014	69 6.5	105 52.0		otter trawl	69	08	26		69	08	26			20.0
	Starvation Cove 69-1015	69 6.5	105 52.0		otter trawl	69	08	26		69	08	26			10.0
	East Walker Bay 69-1016	68 8.0	108 20.0		otter trawl	69	08	30		69	08	30			16.5
	East Walker Bay 69-1016	68 8.0	108 20.0		otter trawl	69	08	31		69	08	31			16.5
	Melville Sd. 69-1018	68 6.9	108 8.0		otter trawl	69	08	31		69	08	31			16.5
	Cape Croker 69-1019	68 3.3	107 45.0		otter trawl	69	08	31		69	08	31			18.3-20.0
	Elu Inlet 69-1022	68 17.5	106 25.5		otter trawl	69	09	01		69	09	01			27.0
	Elu Inlet 69-1023	68 22.0	106 11.0		otter trawl	69	09	01		69	09	01			13.0
	Starvation Cove 69-1010	69 6.5	105 52.0		small otter trawl	69	08	26		69	08	26			47.0
	Starvation Cove 69-1009	69 6.5	105 52.0		Isaacs Kidd mid-water trawl	69	08	23		69	08	23			50.0
	Starvation Cove 69-1010	69 6.5	105 52.0		Isaacs Kidd mid-water trawl	69	08	23		69	08	23			47.0-70.0
	Starvation Cove 69-1008	69 6.5	105 59.5		bottom dredge	69	08	14		69	08	14			68.0
	Starvation Cove 69-1010	69 6.5	105 52.0		bottom dredge	69	08	26		69	08	26			47.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr		
69-0068 cont'd	Chapman Is. 69-1027	67 44.0	108 52.5		plankton net	69	09	06							82.0-200.0
	Chapman Is. 69-1029	67 43.5	108 55.0		plankton net	69	09	06							0.0-9.5
	Chapman Is. 69-1029	67 43.5	108 55.0		plankton net	69	09	07							0.0-9.5
	Starvation Cove 69-1015	69 6.5	105 52.0		bottom grab	69	08	26							10.0
	East Walker Bay 69-1016	68 8.0	108 20.0		bottom grab	69	08	30							16.5
	East Walker Bay 69-1016	68 8.0	108 20.0		bottom grab	69	08	31							16.5

Latitudes and longitudes are from Hunter and Leach (1983a) and were originally obtained from topographic maps or hydrographic charts available at the time the work was performed.

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[a] 63, 89 and 114 mm mesh sizes.
[1] Twenty-three samples.
[2] Two samples.
[3] Three samples.
[4] Four samples.
[5] Sixteen samples.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
70-0014	Starvation Cove 70-1001	69 6.0	105 27.0		otter trawl	70	08	13		70	08	13			7.5-11.0
	Starvation[1] Cove 70-1002	69 10.4	105 53.1		otter trawl	70	08	13		70	08	13			14.6-18.3
	Starvation[2] Cove 70-1003A	69 9.3	105 53.9		otter trawl	70	08	13		70	08	13			42.0-46.0
	Starvation Cove 70-1004	69 7.0	105 32.0		otter trawl	70	08	14		70	08	14			4.0-5.5
	Starvation Cove 70-1005	69 10.1	105 52.9		otter trawl	70	08	14		70	08	14			26.0-31.0
	Starvation Cove 70-1006	69 6.1	105 52.2		otter trawl	70	08	14		70	08	14			59.0-66.0
	Starvation Cove 70-1007	67 53.8	111 52.6		Isaacs Kidd mid-water trawl	70	08	20		70	08	20			165.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
70-0014 cont'd	Starvation Cove 70-1008	67 52.2	112 8.4		Isaacs Kidd mid-water trawl	70	08	20		70	08	20			128.0
	Starvation Cove 70-1008	67 55.3	114 58.0		Isaacs Kidd mid-water trawl	70	08	21		70	08	21			10.0
	Starvation Cove 70-1010	67 58.1	114 53.0		Isaacs Kidd mid-water trawl	70	08	21		70	08	21			-
	Starvation Cove 70-1011	68 2.3	114 53.0		Isaacs Kidd mid-water trawl	70	08	21		70	08	21			62.0
	Starvation Cove 70-1012	68 0.0	114 53.0		Isaacs Kidd mid-water trawl	70	08	21		70	08	21			2.0-4.0
	Starvation[3] Cove 70-1003B	69 7.0	105 53.9		bottom grab	70	08	14							46.0
	Starvation[3] Cove 70-1006	69 6.1	105 52.2		bottom grab	70	08	14							59.0-66.0
	Cambridge Bay 70-2001	69 6.3	105 2.2		spear?	70	03	28							

Latitudes and longitudes are from Hunter and Leach (1983a) and were originally obtined from topographic maps or hydrographic charts available at the time the work was performed.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
70-0068	Halovik R.	69 10	107 5	NS	gillnet	70	07	29		70	09	11		NS	NS
	Lauchlan R.	69 56	108 31	NS	gillnet	70	08	02		70	08	04		NS	NS
	Paliryuak R.	69 27	106 41	NS	gillnet	70	07	28		70	09	12		NS	NS
70-0070	Resolute Bay[1]	74 41	94 52		dipnet[a]	70	08	28		70	08	28			
	Resolute Bay[2]	74 41	94 52		dipnet[a]	70	08	29		70	08	29			

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[1] Two samples.
[2] Eight samples.
[3] Three samples.

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
70-0070 cont'd	Resolute Bay[2]	74 41	94 52		dipnet[a]	70	08	30		70	08	30			
	Allan Bay[3]	74 46	95 19		dipnet[a]	70	08	31		70	08	31			
	Resolute Bay[2]	74 41	94 52		dipnet[a]	70	09	01		70	09	01			

[a] Samples collected while diving. One gillnet set also made at Resolute Bay, poison was also utilized on one occasion at Resolute Bay.
[1] Seven dives.
[2] Four dives.
[3] Two dives.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
71-0108	Resolute Bay[1]	74 41	94 52		dipnet	71	02	14		71	02	17			

[1] Eight dives.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
71-0109	Kellet R.	68 20	90 7	NS	gillnet[a]	71	08	17		71	08	22		a	NS
	Arrowsmith R.	68 22	90 17	NS	gillnet[b]	71	08	22		71	08	29		b	NS
	Kugajuk R.	68 32	89 50	NS	gillnet[c]	72	07	22		72	07	25		c	
	Kugajuk R.	68 32	89 50	NS	gillnet[d]	72	08	21		72	08	23		d	
	Kellet R.	68 20	90 7	NS	gillnet[e]	72	07	28		72	08	05		e	
	Arrowsmith R.	68 22	90 17	NS	gillnet[e]	72	08	06		72	08	12		e	
	Becher R.	68 37	90 30	NS	gillnet?	72	08	15		72	08	15		NS	
	Sports R.	68 39.5	90 29	NS	rod and line	72	08	13		72	08	17		NS	
	Kellet R.	68 20	90 7	NS	gillnet[f]	73	10	09		72	10	23		NS	
	Kellet R.	68 20	90 7	NS	gillnet?[g]	73	10	10		73	10	10		NS	

[a] Nets of 89, 114, and 140 mm mesh sizes (2 sets, 24 h) or 140 mm mesh size (2 sets, 24 h).
[b] 140 mm mesh size (4 sets, 24 h).
[c] 38, 64, 89, 114, and 140 mm mesh sizes (4 days, continuous sampling).
[d] 38, 64 and 89 mm mesh sizes (3 days, continuous sampling).
[e] 38, 64, 89, 114 and 140 mm mesh sizes (3 sets, 24 h).
[f] commercial fishery, 114 and 140 mm mesh sizes.
[g] commercial fishery.

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
71-0110	Halovik R.	69 10	107 5	NS	gillnet	71	07	[a]		71	08	[a]		[a]	bottom
	Lauchlan R.	69 56	108 31	NS	gillnet	71	07	[a]		71	08	[a]		[a]	bottom
	Ellice R.	68 3	103 59	NS	gillnet	71	08	[a]		71	09	[a]		[a]	bottom

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

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[a] Nets lifted twice deaily during run of CHAR (mid August to first week in September).

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
72-0016	12	74 42	94 53		rod and line	72	06			72	06				
72-0113	Ekalluk R.	69 24.5	106 20	NS	gillnet[a]	72	08	[b]		72	09	[b]		[b]	bottom
	Halovik R.	69 10	107 05	NS	gillnet	72	07	[b]		72	08	[b]		[b]	bottom
	Lauchlan R.	69 56	108 31	NS	gillnet	72	07	[b]		72	08	[b]		[b]	bottom
	Ellice R.	68 3	103 59	NS	gillnet[a]	72	08	[b]		72	09	[b]		[b]	bottom
	Dease Pt. (Foggy Bay)	68 15	104 59	NS	gillnet[a]	72	NS	[b]		72	NS	[b]		[b]	bottom

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

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[a] Experimental nets set by Department of Fisheries and Oceans personnel.

[b] Nets lifted twice daily during run of CHAR (downstream run from mid-July to end of July or early August and the upstream from mid-August until the first week in September).

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
72-0114	Resolute Bay	74 41	94 52		hand[a]	72	06			72	06				

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[a] Samples collected during SCUBA dives.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
72-0115	Resolute Bay	74 42	94 53		hand nets[a]	72	07			72	08				
	Resolute Bay	74 42	94 53		small barbless hooks										

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[a] Samples collected during SCUBA dives.

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo Start	Dy	Hr	Yr	Mo Stop	Dy	Hr		
72-0116	100 m E.[1] Tide Gauge Jetty	74 41.1	94 52.5	10-13	fine mesh dip net	72	12	14		72	12	22			0-13
	100 m E.[2] Tide Gauge Jetty	74 41.1	94 52.5	10-13	wire minnow trap	72	12	14		72	12	22			see remarks

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

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[1] Seven scuba dives made under ice; all dives between 1100-1500 local time.

[2] Traps set under ice surface, at mid-water, and at bottom; set at 2100 and retrieved 10-12 h later.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
73-0129	Ekalluk R.	69 24.5	106 20	NS	gillnet	73	07	a		73	08	a	a		bottom
	Halovik R.	69 10	107 5	NS	gillnet	73	07	a		73	08	a	a		bottom
	Lauchlan R.	68 56	108 31	NS	gillnet	73	07	a		73	08	a	a		bottom
	Ellice R.	68 3	103 59	NS	gillnet	73	07	a		73	08	a	a		bottom

Approximate latitudes and longitudes obtained by meauring plotted station positions given in report.

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[a] Nets lifted twice daily during run of CHAR (downstream run from mid-July to end of July or early August).

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
73-0130	Starvation Cove	69 09.3	106 05.2			73	08	12							
	Dease Str.	69 07.0	105 58.0			73	08	12							
	Parker Bay	68 47.0	103 20.0			73	08	13							

Latitudes and longitudes from National Museum of Canada records.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
74-0015	Landing Beach #2	73 04.0	84 30.0	0-4	60 m longline	74	08		1100	74	08		0730	20.5	bottom
	5 km WNW Landing Beach #2	73 5.5	84 45.0	290-270	550 m longline	74	08			74	08			20	bottom
	1.5 km WNW Landing Beach #2	73 4.5	84 35.0	120-110	550 m longline	74	08			74	08			20	bottom
	1 km NE Landing Beach #2	73 4.5	84 31.5	55-80	550 m longline	74	08			74	08			48	bottom

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
74-0015 cont'd	1-A	73 04.0	84 30.0	<10	jig with treble hook	74	08			74	08				bottom
	1	73 03.5	84 25.0	<10	bottom dredge	74	08			74	08			up to 15 min.	bottom
	2	73 04.0	84 30.0	<10	bottom dredge	74	08			74	08			up to 15 min.	bottom
	3	73 04.0	84 31.0	<10	bottom dredge	74	08			74	08			up to 15 min.	bottom
	4	73 04.1	84 36.0	<10	bottom dredge	74	08			74	08			up to 15 min.	bottom
	a	73 04.0	84 35.0	40-35	bottom dredge on sled	74	08			74	08			50 min.	bottom
	b	73 04.3	84 35.0	80-75	bottom dredge on sled	74	08			74	08			10 min.	bottom
	c	73 04.5	84 35.0	120-115	bottom dredge on sled	74	08			74	08			10 min.	bottom
	d	73 05.0	84 41.0	250-165	bottom dredge on sled	74	08			74	08			10 min.	bottom
	Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.														
74-0026	Strathcona Sd.	73 4	84 28	a	gillnet[e]	74	08	03						c	NS
	Strathcona Sd.	73 3.5	84 26	a	gillnet[e]	74	08	06						c	NS
	Strathcona Sd.	73 6	84 22	a	gillnet[e]	74	08	07						c	NS
	Strathcona Sd.	73 4.5	84 27	a	gillnet[e]	74	08	12						c	NS
	Strathcona Sd.	73 4.5	84 33	a	gillnet[e]	74	08	20						c	NS
	Strathcona Sd.	73 4.5	84 35	a	gillnet[e]	74	08	22						c	NS
	Strathcona Sd.	73 2.5	84 1	a	gillnet[e]	74	08	23						c	NS

Data Table 3 Continued.

Data Set No.	Stn. No./ location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Time Sampled Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
74-0026 cont'd	Strathcona Sd.	73 6	84 26	a	gillnet[e]	74	08	31						c	NS
	Strathcona Sd.	73 7	84 29	a	gillnet[e]	74	09	02						c	NS
	Strathcona Sd.	73 3.6	84 26		beach seine	74	08	06							bottom
	Strathcona Sd.	73 4	84 28	b	trapnet	74	08	03						d	bottom
	Strathcona Sd.	73 4	84 27	b	trapnet	74	08	11						d	bottom
	Strathcona Sd.	73 4	84 27	b	trapnet	74	08	13						d	bottom
	Strathcona Sd.	73 4	84 27	b	trapnet	74	08	13						d	bottom
	Strathcona Sd.	73 4	84 27	b	trapnet	74	08	31						d	bottom
	Strathcona Sd.	73 6.5	84 45	NS	longline	74	08	15						NS	bottom

Approximate latitudes and longitudes obtained from unpublished material.

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[a] Depth ranged from 2-46 m over all stations.
[b] Depth ranged from 2-5 m over all stations.
[c] Set duration of 24-29 h.
[d] Set duration of 24-48 h.
[e] Floating and sinking nets utilized.

Data Set No.	Stn. No./ location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Time Sampled Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
74-0122 bottom	Ekalluk R.	69 24.5	106 20	NS	gillnet	74	08	a		74	09	a		a	
	Lauchlan R. bottom	68 56	108 31	NS	gillnet	74	07	a		74	08	a		a	
	Ellice R. bottom	68 3	103 59	NS	gillnet	74	08	a		74	09	a		a	
	Dease Pt. bottom	68 15	104 59	NS	gillnet	74	NS	a		74	NS	a		a	

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

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[a] Nets lifted twice daily during run of CHAR (downstream run from mid-July to end of July or early August and the upstream run from mid-August until the first week of September).

Data Set No.	Stn. No./ location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Time Sampled Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
74-0123	Pelly Bay	68 32.0	89 51.0			74	08	03							
	Bellot Str.	71 58.9	94 27.5			74	08	06							

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo Start	Dy	Hr	Yr	Mo Stop	Dy	Hr		
74-0123 cont'd	Spence Bay	69 31.9	93 31.5			74	08	06							
	Spence Bay	69 31.0	93 34.0			74	08	06							
	Gjoa Haven	68 38.0	95 57.0			74	08	07							
	Petersen Bay	68 38.0	95 57.0			74	08	07							
	M'Clintock Bay	68 39.3	97 44.7			74	08	08							
	M'Clintock Bay	68 39.3	97 44.7			74	08	09							
	Anderson Bay	68 56.5	104 27.0			74	08	11							
	Latitudes and Longitudes from National Museum of Canada records.														
74-0124	200 m E.[1] Tide Gauge Jetty	74 41.1	94 52.5	10-13	fine mesh dip net[a]	74	06	01		74	06	08			0-13
	Sun Oil Site[2]	74 41.5	94 52.0	9-10	fine mesh dip net[a]	74	06	01		74	06	08			0-10
	Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.														
75-0013	Creswell Bay 1	72 47.0	93 40.0	2.4-3.1	gillnet	75	07	30		75	07	30		1.5	
	Creswell Bay 1	72 47.0	93 40.0	2.4-3.1	gillnet	75	08	02		75	08	02		11.0	
	Creswell Bay 1	72 47.0	93 40.0	2.4-3.1	gillnet	75	08	08		75	08	08		4.0	
	Creswell Bay 1	72 47.0	93 40.0	2.4-3.1	gillnet	75	08	09		75	08	09		0.08	
	Creswell Bay 1	72 47.0	93 40.0	2.4-3.1	gillnet	75	08	13		75	08	13		6.0	
	Creswell Bay 2	72 45.5	93 30.0	>200	gillnet	75	07	30		75	07	31		26.0	

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[a] Wire minnow trap also utilized, but unsuccessfully.
[1] Seven drives made under ice.
[2] Three drives made under ice.

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start				Time Sampled Stop				Interval (h)	Depth Sampled (m)
						Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr		
75-0013 cont'd	Creswell Bay 3	a	a	0.9-1.2	gillnet	75	08	03		75	08	03		1.5	
	Creswell Bay 4	a	a	15.0-20.0	gillnet	75	08	05		75	08	05		3.0	
	Creswell Bay 5	a	a	1.8-15.0	gillnet	75	08	10		75	08	10		3.5	
	Creswell Bay 6	a	a	2.4-3.1	gillnet	75	08	10		75	08	10		2.0	
	Creswell Bay 7	a	a	0.9-3.1	gillnet	75	08	11		75	08	11		3.5	
	Creswell Bay 8	a	a	2.4-3.1	gillnet	75	08	11		75	08	11		1.0	
	Creswell Bay 9	72 48.5	94 19.0	1.8	gillnet	75	08	12		75	08	12		3.0	
	Assistance Bay	a	a	1.0-2.0	gillnet	78	08	19		75	08	19		c	
	Assistance Bay	a	a	1.0-2.0	gillnet	75	08	25		75	08	25		c	
	Creswell Bay 1	72 47.0	93 40.0	2.4-3.1	rod and line	75	08	01		75	08	01			
	Creswell Bay 28	72 46.5	93 41.0	NS	plankton net	75	08	04	2350					10 min.[b]	surface
	Creswell Bay 29	72 46.5	93 40.0	NS	plankton net	75	08	05	0100					10 min.[b]	surface
	Creswell Bay 35	72 46.0	94 08.5	NS	plankton net	75	08	10	1925					10 min.[b]	surface
	Creswell Bay 39	72 43.5	94 18.5	NS	plankton net	75	08	10	2111					10 min.[b]	surface
	Creswell Bay 46	72 46.0	94 08.5	NS	plankton net	75	08	11	2115					10 min.[b]	surface
	Creswell Bay 56	72 46.0	93 16.0	NS	plankton net	75	08	12	1830					10 min.[b]	surface

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
75-0013 cont'd	Assistance Bay 67	74 38.0	94 21.0	NS	plankton net	75	08	19	1900					10 min.[b]	15
	Assistance Bay 77	74 37.75	94 18.0	NS	plankton net	75	08	25	1830					10 min.[b]	surface

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

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[a] Actual position could not be determined for all sites because station numbers were not given on map indicating station locations.
[b] Tows were of 10 min. duration except for two samples.
[c] A total of 11.25 h fished at the Assistance Bay sites.

75-0030	Strathcona Sd.	73 4	84 27	1-25	gillnet	75	07	21						a	bottom
	Strathcona Sd.	73 4	84 27	1-25	gillnet	75	07	22						a	bottom
	Strathcona Sd.	73 4	84 27	1-25	gillnet	75	07	26						a	bottom
	Strathcona Sd.	73 4	84 27	1-25	gillnet	75	07	27						a	bottom
	Strathcona Sd.	73 4	84 27	1-25	gillnet	75	07	29						a	bottom
	Strathcona Sd.	73 4	84 27	1-25	gillnet	75	08	13						a	bottom
	Strathcona Sd.	73 4	84 27	1-25	gillnet	75	08	15						a	bottom
	Strathcona Sd.	73 4	84 27	1-25	gillnet	75	08	16						a	bottom
	Strathcona Sd.	73 4	84 27	1-25	gillnet	75	08	17						a	bottom
	Strathcona Sd.	NS	NS	NS	longline	75	07	26						NS	bottom

Approximate latitudes and longitudes obtained from unpublished material.

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[a] Set duration of from 12-24 h.

75-0031	Strathcona Sd.	73 11	85 10		semi-balloon bottom trawl	75	08			75	08				120-300 m

Latitudes and longitudes are those given in report.

A number of samples made during latter part of August but report refers only to the two which captured ARCD. The National Museum of Canada has records of specimens captured on 11, 14, 16, 26, 30 and 31 August.

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
75-0139	Geographical Is.	68 42.0	100 23.0			75	08	13							
	N. Peel Inlet	69 13.0	96 09.0			75	08	14							
	Victoria Hbr.	70 09.0	91 33.0			75	08	16							
	Lord Mayor Bay	69 42.5	92 45.0			75	08	16							
	Bellot Str.	72 0.6	94 24.4			75	08	17							
	Creswell Bay	72 43.5	93 48.0			75	08	17							
	Latitudes and longitudes from National Museum of Canada records.														
75-0140	Ekalluk R.	69 24.5	106 20	NS	gillnet	75	08	a		75	09	a		a	bottom
	Ellice R.	68 3	103 59	NS	gillnet	75	08	a		75	09	a		a	bottom
	Jayco R.	69 43	103 17	NS	gillnet	75	08	a		75	09	a		a	bottom
	Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.														
75-0142	Prince Leopold Is.	74 02.0	90 0.0			75	07	28							
	Prince Leopold Is.	74 02.0	90 0.0			75	07	29							
	Prince Leopold Is.	74 02.0	90 0.0			75	08	09							
	Prince Leopold Is.	74 02.0	90 0.0			75	08	10							
	Prince Leopold Is.	74 02.0	90 0.0			75	08	18							
	Latitude and longitude from National Museum of Canada records.														

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[a] Nets lifted twice daily during run of CHAR (downstream run from mid-July to end of July or early August and the upstream run from mid-August until the first week in September).

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
75-0143	Parry Bay K1?	68 20	107 41		gillnet					75	08	01			bottom
	N.E. Melville Sd. K2?	68 24	106 57		gillnet					75	08	17			bottom
	Hope Bay K3	68 08	106 43	1-4 m	gillnet					75	08	18			bottom
	K4	68 11	106 35		gillnet					75	08	18			bottom
	Angimajuq R. K5	68 11	106 18		gillnet					75	08	18			bottom
	Elu Inlet K6	68 38	105 38		gillnet					75	08	18			bottom
	Latitudes and longitudes obtained from unpublished records and from National Museum of Canada records.														
76-0008	EM	74 06	81 30	786	plankton net	76	07	22		76	07	22	a	b	
	EM	74 06	81 30	786	plankton net	76	08	05		76	08	05	a	b	
	EM	74 06	81 30	786	plankton net	76	08	19		76	08	19	a	b	
	EM	74 06	81 30	786	plankton net	76	08	29		76	08	29	a	b	
	EM	74 06	81 30	786	plankton net	76	09	11		76	09	11	a	b	
	CS	74 32	80 20	668	plankton net	76	07	23		76	07	23	a	b	
	CS	74 32	80 20	668	plankton net	76	08	04		76	08	04	a	b	
	CSA[1]	74 25	80 18	722	plankton net	76	08	16		76	08	16	a	b	
	CS	74 32	80 20	668	plankton net	76	08	28		76	08	28	a	b	
	CS	74 32	80 20	668	plankton net	76	09	08		76	09	08	a	b	

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr		
						Start				Stop					
76-0008 cont'd	CW	74 27	82 03	686	plankton net	76	07	24		76	07	24	a	b	
	CW	74 27	82 03	686	plankton net	76	08	03		76	08	03	a	b	
	CW	74 27	82 03	686	plankton net	76	08	17		76	08	17	a	b	
	CW	74 27	82 03	686	plankton net	76	08	27		76	08	27	a	b	
	CW	74 27	82 03	686	plankton net	76	09	07		76	09	07	a	b	
	NB	73 43	81 02	503	plankton net	76	07	26		76	07	26	a	b	
	NB	73 43	81 02	503	plankton net	76	08	07		76	08	07	a	b	
	NB	73 43	81 02	503	plankton net	76	08	20		76	08	20	a	b	
	NB	73 43	81 02	503	plankton net	76	08	31		76	08	31	a	b	
	NB	73 43	81 02	503	plankton net	76	09	12		76	09	12	a	b	
	MM	74 07	82 37	741	plankton net	76	07	27		76	07	27	a	b	
	MM	74 07	82 37	741	plankton net	76	08	06		76	08	06	a	b	
	MM	74 07	82 37	741	plankton net	76	08	18		76	08	18	a	b	
	MM	74 07	82 37	741	plankton net	76	08	29		76	08	29	a	b	
	MM	74 07	82 37	741	plankton net	76	09	11		76	09	11	a	b	
	WM	74 12	87 57	430	plankton net	76	07	28		76	07	28	a	b	

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start				Time Sampled Stop				Interval (h)	Depth Sampled (m)
						Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr		
76-0008 cont'd	WM	74 12	87 57	430	plankton net	76	08	08		76	08	08	a	b	
	WM	74 12	87 57	430	plankton net	76	08	22		76	08	22	a	b	
	WM	74 12	87 57	430	plankton net	76	09	01		76	09	01	a	b	
	WM	74 12	87 57	430	plankton net	76	09	13		76	09	13	a	b	
	EM	74 06	81 30	786	Miller sampler	76	08	05		76	08	05		NS	10
	EM	74 06	81 30	786	Miller sampler	76	08	29		76	08	29		NS	10
	CS	74 32	80 20	668	Miller sampler	76	08	04		76	08	04		NS	10
	CS	74 32	80 20	668	Miller sampler	76	08	28		76	08	28		NS	10
	CS	74 32	80 20	668	Miller sampler	76	09	08		76	09	08		NS	10
	CW	74 27	82 03	686	Miller sampler	76	08	03		76	08	03		NS	10
	CW	74 27	82 03	686	Miller sampler	76	08	17		76	08	17		NS	10
	CW	74 27	82 03	686	Miller sampler	76	09	07		76	09	07		NS	10
	NB	73 43	81 02	503	Miller sampler	76	08	07		76	08	07		NS	10
	NB	73 43	81 02	503	Miller sampler	76	08	20		76	08	20		NS	10
	NB	73 43	81 02	503	Miller sampler	76	08	31		76	08	31		NS	10
	NB	73 43	81 02	503	Miller sampler	76	09	12		76	09	12		NS	10

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
76-0008 cont'd	MM	74 07	82 37	741	Miller sampler	76	07	27		76	07	27		NS	10
	MM	74 07	82 37	741	Miller sampler	76	08	06		76	08	06		NS	10
	MM	74 07	82 37	741	Miller sampler	76	08	18		76	08	18		NS	10
	MM	74 07	82 37	741	Miller sampler	76	09	11		76	09	11		NS	10
	WM	74 12	87 57	430	Miller sampler	76	07	28		76	07	28		NS	10
	WM	74 12	87 57	430	Miller sampler	76	08	08		76	08	08		NS	10
	WM	74 12	87 57	430	Miller sampler	76	08	22		76	08	22		NS	10
	WM	74 12	87 57	430	Miller sampler	76	09	01		76	09	01		NS	10
	WM	74 12	87 57	430	Miller sampler	76	09	13		76	09	13		NS	10

Latitudes and longitudes are those given in report.

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[a] For horizontal tows the open net was lowered to the appropriate depth, towed for 10 min., closed, and brought to the surface.
[b] Horizontal tows performed immediately below the surface and at 10, 50 and 150 m. Vertical tows also conducted through the upper 150 m.
[1] Regular site could not be sampled because of ice.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
76-0010	Area 1 Stn. 1[1]	74 44.5	93 25	15-20	monofilament gillnet[a]	76	06	08		76	06	08		4.4	0-7.5
	Area 1 Stn. 1[1]	74 44.5	93 25	15-20	monofilament gillnet[a]	76	06	13		76	06	13		4.0	0-7.5
	Area 1 Stn. 1[1]	74 44.5	93 25	15-20	monofilament gillnet[a]	76	06	14		76	06	14		8.0	0-7.5
	Beechey Is.[1]	74 42	91 55	NS	monofilament gillnet[a]	76	06	23		76	06	23		3.9	0-7.5
	Area 8 Stn. 3[1]	74 50.5	92 32	NS	monofilament gillneta	76	06	25		76	06	25		4.3	0-7.5

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo Start	Dy	Hr	Yr	Mo Stop	Dy	Hr		
76-0010 cont'd	Area 12 Stn. 1[1]	74 40.5	95 07	NS	monofilament gillnet[b]	76	07	04		76	07	05		21.0	0-7.5
	Allen Bay[1]	NS	NS	NS	monofilament gillnet[c]	76	07	06		76	07	06		15.0	0-2.4
	Area 2 Stn. 1	74 46	93 18	NS	Cobb trawl[d]	76	06	19		76	06	19		48 min.	0-1.8
	Area 2 Stn. 6	74 46	93 18	NS	Cobb trawl[d]	76	06	19		76	06	19		45 min.	0-1.8
	Area 2 Stn. 8	74 46	93 18	NS	Cobb trawl[d]	76	06	19		76	06	19		30 min.	0-1.8
	Area 4 Stn. 1	74 44	92 00	NS	Cobb trawl[d]	76	06	22		76	06	22		30 min.	0-1.8
	Area 4 Stn. 4	74 44	92 00	NS	Cobb trawl[d]	76	06	22		76	06	22		40 min.	0-1.8
	Area 4 Stn. 8	74 44	92 00	NS	Cobb trawl[d]	76	06	22		76	06	22		40 min.	0-1.8
	Area 8 Stn. 1	74 50.5	92 32	NS	Cobb trawl[d]	76	06	25		76	06	25		27 min.	0-1.8
	Area 8 Stn. 6	74 50.5	92 32	NS	Cobb trawl[d]	76	06	25		76	06	25		10 min.	0-1.8
	Resolute Bay	74 39	94 47	3	Cobb trawl[e]	76	07	03		76	07	03		20 min.	bottom
	Resolute Bay	74 41	94 51.5	10	Cobb trawl[e]	76	07	03		76	07	03		20 min.	bottom
	Resolute Bay	74 40.5	94 48	10	Cobb trawl[e]	76	07	03		76	07	03		20 min.	bottom
	Resolute Bay	74 40.7	94 53	15	Cobb trawl[e]	76	07	03		76	07	03		10 min.	bottom
	Resolute Bay	74 40.3	94 53	10	Cobb trawl[e]	76	07	03		76	07	03		15 min.	bottom
	Resolute Bay	74 40.3	94 56	10	Cobb trawl[e]	76	07	03		76	07	03		20 min.	bottom

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr		
76-0010 cont'd	Resolute Bay	74 40.3	94 53	10	Cobb trawle	76	07	03		76	07	03		15 min.	bottom
	Resolute Bay	74 40.3	94 58	10-20	Cobb trawle	76	07	03		76	07	03		10 min.	bottom
	Resolute Bay	74 40.5	94 05	1.8	Cobb trawle	76	07	05		76	07	05		20 min.	bottom
	Resolute Bay	74 40.5	95 03	1.8	Cobb trawle	76	07	05		76	07	05		20 min.	bottom
	Area 12	74 40.5	95 07	NS	Cobb trawle	76	07	05		76	07	05		20 min.	0-1.8
	Resolute Bay	74 40.3	94 58	20	otter trawl	76	07	03		76	07	03		30 min.	bottom
	Resolute Bay	74 40.4	95 00	10-15	otter trawl	76	07	03		76	07	03		15 min.	bottom
	Resolute Bay	74 40.5	95 02	10-15	otter trawl	76	07	03		76	07	03		25 min.	bottom
	Resolute Bay	74 40.4	95 00	10	otter trawl	76	07	03		76	07	03		20 min.	bottom
	Area 1	74 44.5	93 25	25	otter trawl	76	06	08		76	06	08		10 min.	bottom
	Area 1	74 44.5	93 25	25	otter trawl	76	06	08		76	06	08		5 min.	bottom
	Area 1	74 44.5	93 25	25	otter trawl	76	06	08		76	06	08		10 min.	bottom
	Beechey Is.	74 42	91 55	10-12	otter trawl	76	06	23		76	06	23		15 min.	bottom
	Beechey Is.	74 42	91 55	9	otter trawl	76	06	23		76	06	23		7 min.	bottom
	Beechey Is.	74 42	91 55	10-12	otter trawl	76	06	23		76	06	23		9 min.	bottom
	Resolute Bay	NS	NS	1.5	hook and line for jigging	76	06	30		76	06	30		1.6 man/h	bottom

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
						Start				Stop					
76-0010 cont'd	Area 1 Stn. 1	74 44.5	93 25	15-20	Miller sampler^f	76	06	08		76	06	08		10 min.	0, 5, 10
	Area 1 Stn. 4	74 44.5	93 25	NS	Miller sampler^f	76	06	13		76	06	13		10 min.	0, 5, 10
	Area 1 Stn. 6	74 44.5	93 25	NS	Miller sampler^f	76	06	13		76	06	13		10 min.	0, 5
	Area 1 Stn. 8	74 44.5	93 25	NS	Miller sampler^f	76	06	14		76	06	14		10 min.	0, 5, 10 20
	Area 2 Stn. 1	74 46	94 18	NS	Miller sampler^f	76	06	14		76	06	14		10 min.	7.5, 15, 25
	Area 2 Stn. 4	74 46	94 18	NS	Miller sampler^f	76	06	14		76	06	14		10 min.	0, 7.5, 15, 25
	Area 2 Stn. 8	74 46	94 18	NS	Miller sampler^f	76	06	14		76	06	14		10 min.	0, 15, 25
	Area 2 Stn. 1	74 46	94 18	NS	Miller sampler^f	76	06	19		76	06	19		10 min.	0, 7.5, 15, 25
	Area 4 Stn. 1	74 44	92 00	NS	Miller sampler^f	76	06	21		76	06	21		10 min.	0, 7.5, 15, 25
	Area 4 Stn. 4	74 44	92 00	NS	Miller sampler^f	76	06	22		76	06	22		10 min.	0, 7.5, 15, 25
	Area 4 Stn. 8	74 44	92 00	NS	Miller sampler^f	76	06	22		76	06	22		10 min.	0, 7.5, 15, 25
	Area 8 Stn. 1	74 50.5	92 32	NS	Miller sampler^f	76	06	25		76	06	25		10 min.	0, 7.5, 15, 25
	Area 8 Stn. 4	74 50.5	92 32	NS	Miller sampler^f	76	06	25		76	06	25		10 min.	0, 7.5, 15, 25
	Area 8 Stn. 8	74 50.5	92 32	NS	Miller sampler^f	76	06	25		76	06	25		10 min.	0, 7.5, 25
	Area 12 Stn. 1	74 40.5	95 07	NS	Miller sampler^f	76	06	05		76	06	05		10 min.	0, 7.5, 15
	Area 12 Stn. 4	74 40.5	95 07	NS	Miller sampler^f	76	06	05		76	06	05		10 min.	0, 7.5, 15, 25

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
76-0010 cont'd	Area 12 Stn. 8	74 40.5	95 07	NS	Miller sampler[f]	76	06	05		76	06	05		10 min.	0, 7.5, 15, 25

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

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[a] 7.5 m deep by 15.2 m long
[b] 7.5 m deep by 6.0 m long
[c] 2.4 m deep by 7.5 m long
[d] Surface trawls.
[e] Equipped with 2 kg tickler chain to allow bottom sampling.
[f] Two Miller samplers equipped with 239 e and 569 e mesh nets usually fished simultaneously at various depths.
[l] Fished under ice or parallel to ice edge.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
76-0012	Adams Sd.	73 1.5	85 10	NS	gillnet	76	08	12						a	bottom
	Adams Sd.	73 1	85 9	NS	gillnet	76	08	13						a	bottom
	Strathcona Sd.	73 4	84 26	NS	gillnet	76	08	17						a	bottom
	Strathcona Sd.	73 4	84 26	NS	gillnet	76	08	18						a	bottom
	Strathcona Sd.	73 4	84 26	NS	gillnet	76	08	19						a	bottom
	Strathcona Sd.	73 4.5	84 33	NS	gillnet	76	08	23						a	bottom

Approximate latitudes and longitudes obtained from unpublished material.

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[a] Set duration of 14-50.5 h.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
76-0118	Cunningham Inlet, Barrow Str.	74 09.0	93 55.0			76	07	23							

Latitude and longitude from National Museum of Canada records.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
76-0119	Ekalluk R.	69 24.5	106 20	NS	gillnet	76	08	a		76	09	a		a	bottom
	Halovik R.	69 10	107 05	NS	gillnet	76	07	a		76	08	a		a	bottom
	Ellice R.	68 3	103 59	NS	gillnet	76	08	a		76	09	a		a	bottom
	Jayco R.	69 43	103 17	NS	gillnet	76	08	a		76	09	a		a	bottom

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
76-0119 cont'd	Dease Pt.	68 15	104 59	NS	gillnet	76	NS	[a]		76	NS	[a]		[a]	bottom

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

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[a] Nets lifted twice daily during run of CHAR (downstream run from mid-July to end of July or early August and the upstream run from mid-August until the first week in September).

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
76-0121	Allen Bay	NS	NS		gillnet	76	08	12							
	Allen Bay[1]	74 44.7	95 04	4-10	gillnet	76	09	08		76	09	26			nearshore
	1[2]	74 44.5	95 05	12	gillnet	76	11	24		76	12	01		166	2.5-12
	1	74 44.5	95 05	12	gillnet	76	11	25		76	12	01		142	2.5-12
	1	74 44.5	95 05	12	gillnet	76	11	25		76	12	01		142	2.5-12
	2	74 41.3	95 06	13	gillnet	76	11	30		76	12	01		25	10
	Resolute Bay[3]	74 40.2	94 47	2.0	jig/ spear	76	07	17		76	07	22			
	Allen Bay[3]	74 43.7	95 03		jig/ spear	76	08	03		76	08	09			
	Resolute Bay[2]	NS	NS		jig	76	11	23		76	12	02		[a]	
	Allen Bay[2]	NS	NS		jig	76	11	23		76	12	02		[a]	
	Allen Bay[4]	74 44.7	95 03.5		hand	76	08	09		76	08	13			
	Allen Bay[5]	NS	NS		hand (dipnet)	76	09	08		76	09	26			
	Creswell Bay[4]	72 45	94 15		hand	76	09	04		76	09	04			
	Resolute Bay[2]	NS	NS		plankton net	76	11	23		76	12	02			
	Allen Bay[2]	NS	NS		plankton net	76	11	23		76	12	02			

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

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[a] A total of 4 man hours fished in Allen Bay, Resolute Bay and Resolute Passage.

[1] Under ice.

[2] Nearshore, under ice.

[3] Through ice cracks.

[4] Tide stranded.

[5] Nearshore.

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Start				Stop					
						Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr		
77-0015	104	71 46.3	94 35.0	2	otter trawl	77	08	29		77	08	29		5 min.	bottom
	105	71 46.3	94 35.0	5-6	otter trawl	77	08	29		77	08	29		5 min.	bottom
	106	71 46.3	94 35.0	10	otter trawl	77	08	29		77	08	29		5 min.	bottom
	107	71 46.3	94 34.5	20	otter trawl	77	08			77	08			3.5 min.	bottom
	108	71 47.0	94 34.5	5	otter trawl	77	08			77	08			5 min.	bottom
	109	71 47.0	94 34.5	2-20	otter trawl	77	08			77	08			5 min.	bottom
	110	71 47.0	94 34.0	30	otter trawl	77	08			77	08			2 min.	bottom
	1	71 51.0	94 29.0	15?	hand/dipnet	77	05	20	2200	77	05	20	2300	1.00	a
	1	71 51.0	94 29.0	15?	hand/dipnet	77	05	21	1645	77	05	21	1830	1.75	a
	1	71 51.0	94 29.0	15?	hand/dipnet	77	05	22	1530	77	05	22	1715	1.75	under-ice
	1	71 51.0	94 29.0	15?	hand/dipnet	77	05	23	1215	77	05	23	1400	1.75	b
	1	71 51.0	94 29.0	15?	hand/dipnet	77	05	23	1845	77	05	23	2100	2.25	c
	1	71 51.0	94 29.0	15?	hand/dipnet	77	05	25	1230	77	05	25	1400	1.5	bottom
	1	71 51.0	94 29.0	15?	hand/dipnet	77	05	25	1730	77	05	25	1900	1.5	bottom
	1	71 51.0	94 29.0	15?	hand/dipnet	77	05	26	1330	77	05	26	1500	1.5	midwater
	1	71 51.0	94 29.0	15?	hand/dipnet	77	05	26	2000	77	05	26	2100	1.0	bottom
	1	71 51.0	94 29.0	15?	hand/dipnet	77	05	27	1130	77	05	27	1245	1.25	under-ice
	101	71 46.5	94 34.5	0-15	hand/dipnet	77	08	26	1530	77	08	26	1615	0.75	bottom
	103	71 46.8	94 34.5		hand/dipnet	77	08	26	1745	77	08	26	1815	0.5	bottom
	101	71 46.5	94 34.5	0-15	hand/dipnet	77	08	28	1515	77	08	28	1645	1.5	bottom
	101	71 46.5	94 34.5	0-15	hand/dipnet	77	08	31	1200	77	08	31	1330	1.5	bottom

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Start				Stop					
						Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr		
77-0015 cont'd	126a	71 46.5	94 34.0	50	Ponar grab	77	08	26		77	09	01			bottom
	126b	71 46.5	94 34.0	50	Ponar grab	77	08	26		77	09	01			bottom
	127	71 47.0	94 34.5	2	Ponar grab	77	08	26		77	09	01			bottom
	128	71 47.0	94 34.5	5	Ponar grab	77	08	26		77	09	01			bottom
	129	71 47.0	94 34.0	10	Ponar grab	77	08	26		77	09	01			bottom
	130	71 47.0	94 34.0	10	Ponar grab	77	08	26		77	09	01			bottom
	131	71 47.0	94 33.5	15	Ponar grab	77	08	26		77	09	01			bottom
	132	71 47.0	94 33.5	20	Ponar grab	77	08	26		77	09	01			bottom
	133	71 47.0	94 33.0	35	Ponar grab	77	08	26		77	09	01			bottom
	134	71 47.0	94 33.0	50	Ponar grab	77	08	26		77	09	01			bottom
	1	71 51.0	94 29.0	8	airlift	77	05	20		77	05	27			bottom
	1	71 51.0	94 29.0	10	airlift	77	05	20		77	05	27			bottom
	1	71 51.0	94 29.0	12	airlift	77	05	20		77	05	27			bottom
	101	71 46.5	94 34.5	3	airlift	77	08	26		77	09	01			bottom
	101	71 46.5	94 34.5	3	airlift	77	08	26		77	09	01			bottom
	101	71 46.5	94 34.5	6	airlift	77	08	26		77	09	01			bottom
	101	71 46.5	94 34.5	6	airlift	77	08	26		77	09	01			bottom
	101	71 46.5	94 34.5	9	airlift	77	08	26		77	09	01			bottom
	101	71 46.5	94 34.5	9	airlift	77	08	26		77	09	01			bottom
	101	71 46.5	94 34.5	12	airlift	77	08	26		77	09	01			bottom

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo Start	Dy	Hr	Yr	Mo Stop	Dy	Hr		
77-0015 cont'd	101	71 46.5	94 34.5	1-2	hand/dipnet	77	08	28		77	08	28			bottom
	101	71 46.5	94 34.5	0.5-1.5	hand/dipnet	77	08	31		77	08	31			bottom
	103	71 46.8	94 34.5	1-3	hand/dipnet	77	08	27		77	08	27			bottom
	112	71 45.5	94 35.5	0.5-1.0	hand/dipnet	77	08	30		77	08	30			bottom
	113	71 45.8	94 35.5	1-2	hand/dipnet	77	08	30		77	08	30			bottom
	114	71 45.8	94 34.5	1-2	hand/dipnet	77	08	30		77	08	30			bottom
	135	71 45.2	94 35.5	0.5-3	hand/dipnet	77	09	01		77	09	01			bottom
	30	71 46.5	94 35.5		hand/dipnet	77	08	29		77	08	29			bottom
	103	74 46.8	94 34.5		hand/dipnet	77	08	26		77	08	26			bottom
	140	71 46.5	94 35.5		hand/dipnet	77	09	02		77	09	02			bottom
	141	71 46.8	94 35.5		hand/dipnet	77	09	02		77	09	02			bottom
	136	71 47.0	94 33.5		hand/dipnet	77	08	30		77	08	30			surface
	111	71 46.5	94 34.5	NS	Miller sampler	77	08	30		77	08	30			1, 10
	140	71 46.5	94 33	NS	Miller sampler	77	09	01		77	09	01			1, 7.5, 15, 25
	120	71 46.5	94 35.5	2	Ponar grab	77	08	26		77	09	01			bottom
	121	71 46.5	94 35.1	5	Ponar grab	77	08	26		77	09	01			bottom
	122	71 46.5	94 35.0	10	Ponar grab	77	08	26		77	09	01			bottom
	123	71 46.5	94 34.5	15	Ponar grab	77	08	26		77	09	01			bottom
	124	71 46.5	94 34.5	20	Ponar grab	77	08	26		77	09	01			bottom
	125	71 46.5	94 34.5	35	Ponar grab	77	08	26		77	09	01			bottom

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
77-0015 cont'd	101	71 46.5	94 34.5	12	airlift	77	08	26		77	09	01			bottom
	101	71 46.5	94 34.5	15	airlift	77	08	26		77	09	01			bottom

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

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[a] under ice, midwater, bottom
[b] under ice, bottom
[c] under ice, midwater

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
77-0016	G-1	75 01.3	108 35.0	0-2.4	gillnet	77	06	06		77	06	14		192	bottom
	G-2	75 01.0	108 36.0	0-2.4	gillnet	76	06	06		77	06	14		192	bottom
	G-3	75 0.8	108 34.5	3-5	gillnet	77	08	21		77	08	25		96	bottom
	G-4	75 02.5	108 35.0	3-5	gillnet	77	08	25		77	08	25		5	bottom
	G-5	75 03.7	108 47.0	3-5	gillnet	77	08	26		77	08	26		2	bottom
	G-6	75 03.5	108 42.5	3-5	gillnet	77	08	28		77	08	28		2	bottom
	G-7	75 03.6	108 49.0	3-5	gillnet	77	08	28		77	08	28		2	botom
	T-1	75 01.5	108 37.0	15	otter trawl	77	08	06		77	08	06		10 min.	bottom
	T-2	75 01.4	108 38.0	30	otter trawl	77	08	21		77	08	21		10 min.	bottom
	T-3	75 02.5	108 53.0	30	otter trawl	77	08	22		77	08	22		5 min.	bottom
	T-4	75 02.5	108 52.0	10	otter trawl	77	08	22		77	08	22		5 min.	bottom
	T-5	75 03.0	108 39.5	30	otter trawl	77	08	26		77	08	26		5 min.	bottom
	T-6	75 02.8	108 37.5	30	otter trawl	77	08	26		77	08	26		5 min.	bottom
	1	75 01.9	108 36.0	<15	hand/dipnet	77	06	11		77	06	11			bottom
	2	75 02.2	108 35.5	<15	hand/dipnet	77	08	04		77	08	04			bottom
	3	75 01.4	108 36.0	<15	hand/dipnet	77	08	06		77	08	06			bottom

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
77-0016 cont'd	4	75 03.4	108 41.0	<15	hand/dipnet	77	08	07		77	08	07			bottom
	5	75 02.4	108 36.5	<15	hand/dipnet	77	08	18		77	08	18			bottom
	6	74 58.4	108 38.0	<15	hand/dipnet	77	08	20		77	08	20			bottom
	7	75 02.6	108 36.0	<15	hand/dipnet	77	08	21		77	08	21			bottom
	8	75 02.5	108 35.0	<15	hand/dipnet	77	08	21		77	08	21			bottom
	9	75 02.8	108 53.5	<15	hand/dipnet	77	08	21		77	08	21			bottom
	10	74 59.5	108 47.5	<15	hand/dipnet	77	08	22		77	08	22			bottom
	11	74 59.5	108 45.0	<15	hand/dipnet	77	08	23		77	08	23			bottom
	12	74 59.5	108 46.5	<15	hand/dipnet	77	08	23		77	08	23			bottom
	13	75 02.0	108 35.0	<15	hand/dipnet	77	08	24		77	08	24			bottom
		75 02.4	108 37.5		Miller sampler	77	08			77	08				0
		75 2.0	108 38.5		Miller sampler	77	08			77	08				25
		75 2.0	108 44.0		Miller sampler	77	08			77	08				50
		75 3.5	108 45.0		plankton net	77	08			77	08				0
	14	75 01.5	108 35.0		airlift	77	08	06		77	08	06			bottom
	15	75 03.2	108 39.5		airlift	77	08	16		77	08	16			bottom
	16	75 02.5	108 36.0		airlift	77	08	18		77	08	18			bottom
	Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.														
77-0120	Ekalluk R.	69 24.5	106 20	NS	gillnet	77	08	[a]		77	09	[a]			bottom
	Halovik R.	69 10	107 5	NS	gillnet	77	07	[a]		77	08	[a]			bottom
	Paliryuak R.	69 27	106 41	NS	gillnet	77	07	[a]		77	08	[a]			bottom
	Lauchlan R.	68 56	108 31	NS	gillnet	77	07	[a]		77	08	[a]			bottom

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Start				Stop					
						Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr		
77-0120 cont'd	Ellice R.	68 3	103 59	NS	gillnet	77	08	[a]		77	09	[a]			bottom
	Perry R.	67 44	102 13	NS	gillnet	77	08	[a]		77	09	[a]			bottom
	Starvation Cove	69 9	106 00	NS	gillnet	77	06	[a]		77	[b]	[a]			bottom
	Elu Inlet	68 35	105 45	NS	gillnet	77	NS	[a]		77	NS	[a]			bottom
	Padliak Inlet	69 16	103 00	NS	gillnet	77	NS	[a]		77	NS	[a]			bottom
	Jayco R.	69 43	103 17	NS	gillnet	76	08	[a]		77	09	[a]			bottom
77-0121	3	74 40.3	94 59	10	gillnet[a,e]	77	02	24		77	02	26		45	7.5
	3	74 40.3	94 59	10	gillnet[b]	77	02	24		77	02	26		45	7.5
	4	74 39.5	95 03	33	gillnet[a]	77	02	23		77	02	26		69	bottom
	4	74 39.5	95 03	33	gillnet[b]	77	02	23		77	02	26		69	bottom
	5	74 38	94 22	54	gillnet[a]	77	02	26		77	03	01		68	bottom
	5	74 38	94 22	54	gillnet[a]	77	02	26		77	03	01		68	bottom
	5	74 38	94 22	54	gillnet[b]	77	02	26		77	03	01		68	bottom
	1	74 44.5	95 05	12	gillnet[a]	77	04	20		77	04	23		64	0
	6	74 31.5	94 51	70	gillnet[a]	77	04	21		77	04	25		92	bottom
	6	74 31.5	94 51	70	gillnet[b]	77	04	21		77	04	25		92	bottom
	6	74 31.5	94 51	70	gillnet[a]	77	04	22		77	04	25		69	bottom
	6	74 31.5	94 51	70	gillnet[c]	77	04	22		77	04	25		69	bottom
	6	74 31.5	94 51	70	gillnet[a]	77	04	25		77	04	27		50	bottom
	6	74 31.5	94 51	70	gillnet[b]	77	04	25		77	04	27		50	bottom

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

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[a] Nets lifted twice daily during run of CHAR (downstream run from mid-July to end of July or early August and the upstream run from mid-August until the first week in September).

[b] Mid-summer sample.

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
77-0121 cont'd	6	74 31.5	94 51	70	gillnet[a]	77	04	25		77	04	27		50	bottom
	6	74 31.5	94 51	70	gillnet[c]	77	04	25		77	04	27		50	bottom
	Aston Bay	73 40	94 40		gillnet	77	08	06		77	08	10			nearshore
	Allen Bay	74 41	95 06		gillnet	77	08	30		77	08	31		24	nearshore
	Allen Bay	74 44.5	95 05		gillnet	77	08	31		77	09	01		24	nearshore
	Aston Bay	73 40	94 40		otter trawl	77	08	06		77	08	10			bottom
	6	74 31.5	94 51	70	trap	77	04	14		77	04	29		120	bottom
	1	74 44.5	95 05		jig	77	04	22		77	04	25			surface
	2	74 41	95 06		jig	77	04	22		77	04	25			surface
	Allen Bay				jig	77	07	17		77	07	17			surface
	Aston Bay	73 40	94 40		hand	77	06	02		77	06	02			under ice
	West Barrow Str. (2 km W Griffith Is.)	74 36	95 58		hand	77	07	16		77	07	16			under ice
	Allen Bay Site 1				hand	77	07	17		77	07	17			1 m beneath ice
	Allen Bay Site 2				hand	77	07	17		77	07	17			bottom
	Allen Bay Site 3				hand	77	07	18		77	07	18			nearshore
	Bellot Str.	72 00	94 15		hand	77	07	23		77	07	29			nearshore
	Aston Bay	73 40	94 40		hand	77	08	06		77	08	10			nearshore
	4	74 39.5	95 03	33	plankton[d] net	77	02	28		77	03	03		49.5	10, 30
	5	74 38	94 22	54	plankton[d] net	77	03	01						24	10
	2	74 41	95 06	13	plankton[d] net	77	04	21		77	04	22		24	3

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
	2	74 41	95 06	13	plankton[d] net	77	04	27						34	3

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[a] 2.4x15.2 m, 38 mm mesh size.

[b] 2.4x15.2 m, 64 mm mesh size.

[c] 1.8x15.2 m, 64 mm mesh size.

[d] Anchored at specific depth and facing prevailing current.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
78-0022	R-6	74 21.8	82 00	673	plankton[a] net	78	07	28		78	07	28			50-0
	C-1	73 48.2	80 11	825	plankton[a] net	78	07	31		78	07	31			800-0
	C-1	73 48.2	80 11	825	plankton[a] net	78	09	06		78	09	06			800-0
	C-1	73 48.2	80 11	825	plankton[a] net	78	09	20		78	09	20			796-0
	C-5	74 29.8	80 26	650	plankton[a] net	78	08	04		78	08	04			600-0
	C-5	74 29.8	80 26	650	plankton[a] net	78	09	06		78	09	07			650-0
	C-5	74 29.8	80 26	650	plankton[a] net	78	09	19		78	09	19			600-0
	CW	74 27.0	82 03	768	plankton[a] net	78	08	21		78	08	21			700-0
	CW	74 27.0	82 03	768	plankton[a] net	78	09	07		78	09	07			700-0
	CW	74 27.0	82 03	768	plankton[a] net	78	09	19		78	09	19			750-0
	EM	74 06.0	81 30	750	plankton[a] net	78	07	28		78	07	28			725-0
	EM	74 06.0	81 30	750	plankton[a] net	78	09	07		78	09	07			700-0
	NR	73 43.0	81 02	547	plankton[a] net	78	08	19		78	08	19			400-0
	NR	73 43.0	81 02	547	plankton[a] net	78	09	08		78	09	08			500-0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start				Time Sampled Stop				Interval (h)	Depth Sampled (m)
						Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr		
78-0022 cont'd	NB	73 43.0	81 02	547	plankton[a] net	78	09	22		78	09	22			250-0 m
	C-1	73 48.2	80 11	825	Miller sampler[b]	78	08	18		78	08	18		15 min.	[c]
	C-1	73 48.2	80 11	825	Miller sampler[b]	78	09	20		78	09	20		15 min.	[c]
	C-5	73 29.8	80 26	825	Miller sampler[b]	78	08	04		78	08	04		15 min.	[c]
	C-5	74 29.8	80 26	650	Miller sampler[b]	78	09	06		78	09	07		15 min.	[c]
	CW	74 27.0	82 03	768	Miller sampler[b]	78	09	07		78	09	07		15 min.	[c]
	CW	74 27.0	82 03	768	Miller sampler[b]	78	09	19		78	09	19		15 min.	[c]
	EM	74 06.0	81 30	750	Miller sampler[b]	78	07	28		78	07	28		15 min.	[c]
	NB	73 43.0	81 02	547	Miller sampler[b]	78	08	19		78	08	19		15 min.	[c]
78-0112	Ekalluk R.	69 24.5	106 20	NS	gillnet	78	08	[a]		78	09	[a]		[a]	bottom
	Halovik R.	69 10	107 5	NS	gillnet	78	07	[a]		78	08	[a]		[a]	bottom
	Lauchlan R.	68 56	108 31	NS	gillnet	78	07	[a]		78	08	[a]		[a]	bottom
	Ellice R.	68 3	103 59	NS	gillnet	78	08	[a]		78	09	[a]		[a]	bottom
	Perry R.	67 44	102 13	NS	gillnet	78	08	[a]		78	09	[a]		[a]	bottom
	Jayco R.	69 43	103 17	NS	gillnet	78	08	[a]		78	09	[a]		[a]	bottom
	Elu Inlet	68 35	105 45	NS	gillnet	78	07	[a]		78	08	[a]		[a]	bottom

Latitudes and longitudes are those given in the report.

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[a] Vertical tows through various depth ranges. Usually four samples through different depth ranges.
[b] Six towed simultaneously at various depths.
[c] Samples from 0, 10, 17, 34, 102 and 170 m.

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Start				Stop					
						Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr		
78-0112 cont'd	Paliryuak R.	69 27	106 41	NS	gillnet	78	07	a		78	08	a		a	bottom

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

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[a] Nets lifted twice daily during run of CHAR (downstream run from mid-July to end of July or early August and the upstream run from mid-August until the first week in September).

79-0024	1	73 7.0	84 59.0	NS	hand[a]	79	08			79	08				bottom
	2	73 4.5	84 41.0	NS	hand[a]	79	08			79	08				bottom
	3	73 4.0	84 32.0	NS	hand[a]	79	08			79	08				bottom
	4	73 3.5	84 23.0	NS	hand[a]	79	08			79	08				bottom
	5	73 3.5	84 1.0	NS	hand[a]	79	08			79	08				bottom
	6	73 4.5	84 18.0	NS	hand[a]	79	08			79	08				bottom
	7	73 7.5	84 42.0	NS	hand[a]	79	08			79	08				bottom
	8	73 10.0	84 52.0	NS	hand[a]	79	08			79	08				bottom

Approximate latitudes and longitudes obtained by measuring plotted station positions given in unpublished material.

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[a] Samples collected by hand during SCUBA dives.

79-0114	Ekalluk R.	69 24.5	106 20	NS	gillnet	79	08	a		79	09	a	NS		bottom?
	Halovik R.	69 10	107 5	NS	gillnet	79	07	a		79	07	a	NS		bottom?
	Paliryuak R.	69 27	106 41	NS	gillnet	79	07	a		79	07	a	NS		bottom?
	Lauchlan R.	68 56	108 31	NS	gillnet	79	07	a		79	07	a	NS		bottom?
	Ellice R.	68 3	103 59	NS	gillnet	79	08	a		79	09	a	NS		bottom?
	Perry R.	67 44	102 13	NS	gillnet	79	08	a		79	09	a	NS		bottom?
	Jayco R.	69 43	103 17	NS	gillnet	79	07	a		79	07	a	NS		bottom?
	Collinson Peninsula	69 56	101 26	NS	gillnet	79	08	a		79	09	a	NS		bottom?

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

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[a] Sampling occurred during run of CHAR (downstream run in mid-July and upstream run from Mid-August to early September).

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
79-0115	Murchison R.[1]	68 36	93 33	NS	gillnet[a]	79	08	28		79	09	09		c	NS
	Back R.[2]	67 10	95 20	NS	gillnet[b]	79	08	28		79	09	10		c	NS
	Keith Bay[3]	68 19	88 16	NS	gillnet[a]	79	07	21		79	08	02		c	NS
	Kingark[1]	68 2.5	94 50	NS	gillnet[a]	79	07	23		79	07	21		c	NS
	Tourist R.[4]	68 39.5	90 29	NS	gillnet[a]	79	07	21		79	08	02		c	NS
	Mangles Bay[4]	67 37	95 27	NS	gillnet[a]	79	08	28		79	09	02		c	NS
	Kellet R.[4]	68 20	90 7	NS	gillnet[a]	79	07	21		79	08	02		c	NS
	Becher R.[4]	68 37	90 30	NS	gillnet[a]	79	07	23		79	08	02		c	NS
	Tern L.[4]	67 49	97 6	NS	gillnet[a]	79	08	28		79	09	10		c	NS
	Arrowsmith R.[5]	68 22	90 17	NS	gillnet[a]	79	07	23		79	08	01		c	NS
	Elliot Bay[4]	67 31	96 25	NS	gillnet[a]	79	08	28		79	09	10		c	NS
	Kaleet R.[4]	67 40	97 10	NS	gillnet[a]	79	08	28		79	09	10		c	NS

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

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[a] 91 m length.
[b] Six nets were 69 m length.
[c] Fishermen fished daily throughout the fishery.

[1] Six nets.
[2] Ten nets.
[3] One net.

[4] Three nets.
[5] Two nets.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
79-0116	Set 7	67 48	100 37		Swedish	79	08	24		79	08	25		14	bottom
	Set 8	67 45	100 38		Swedish	79	08	24		79	08	25		14	bottom

Latitudes and longitudes are those from report.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
80-0106	Murchison R.[1]	68 36	93 33	NS	gillnet	80	08	05		80	09	14		a	NS
	Back R.[2]	67 10	95 20	NS	gillnet	80	08	28		80	09	15		a	NS
	Keith Bay[3]	68 19	88 16	NS	gillnet	80	07	10		80	07	24		a	NS
	Keith Bay[3]	68 19	88 16	NS	gillnet	80	08	06		80	09	01		a	NS
	Kingark R.[4]	68 2.5	94 50	NS	gillnet	80	07	07		80	07	23		a	NS
	Tourist R.[4]	68 39.5	90 29	NS	gillnet	80	07	10		80	07	22		a	NS

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
80-0106 cont'd	Mangles Bay[4]	67 37	95 27	NS	gillnet	80	07	09		80	07	20		a	NS
	Mangles Bay[4]	67 37	95 27	NS	gillnet	80	08	22		80	09	10		a	NS
	Becher R.[4]	68 37	90 30	NS	gillnet	80	08	06		80	08	16		a	NS
	Tern L.[4]	67 49	97 6	NS	gillnet	80	08	06		80	08	20		a	NS
	Arrowsmith R.[3]	68 22	90 17	NS	gillnet	80	08	22		80	08	24		a	NS

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

[a] Fishermen fished daily throughout the fishery.
[1] Twelve nets. [2] Two-ten nets. [3] Two nets. [4] Three nets.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
80-0107	Ekalluk R.	69 24.5	106 20	NS	gillnet	80	08	a		80	09	a		NS	bottom?
	Halovik R.	69 10	107 5	NS	gillnet	80	07	a		80	07	a		NS	bottom?
	Paliryuak R.	69 27	106 41	NS	gillnet	80	07	a		80	07	a		NS	bottom?
	Lauchlan R.	68 56	108 31	NS	gillnet	80	07	a		80	07	a		NS	bottom?
	Ellice R.	68 3	103 59	NS	gillnet	80	08	a		80	09	a		NS	bottom?
	Perry R.	67 44	102 13	NS	gillnet	80	08	a		80	09	a		NS	bottom?
	Jayco R.	69 43	103 17	NS	gillnet	80	07	a		80	07	a		NS	bottom?
	Jayco R.	69 43	103 17	NS	gillnet	80	08	a		80	09	a		NS	bottom?
	Jayco R.	69 43	103 17	NS	trap	80	08	a		80	09	a		NS	bottom?

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

[a] Sampling occurred during run of CHAR (downstream run in mid-July and upstream run from mid-August to early September).

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
81-0102	Hadley Bay 3	71 49	107 28		Swedish gillnet	81	08	12		81	08	13		16.5	bottom
	Hadley Bay 3	71 49	107 28		Swedish gillnet	81	08	12		81	08	13		16.5	bottom
	Richard Collinson Inlet 15	72 38	113 40		Swedish gillnet	81	08	08		81	08	09		20	bottom

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Time Sampled Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
81-0102 cont'd	Resolute Bay	74 41	94 50		otter trawl	81	07	28		81	07	28			bottom

Latitudes and longitudes are those from report.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Time Sampled Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
81-0103	Ekalluk R.	69 24.5	106 20	NS	gillnet	81	08	a		81	09	a		NS	NS
	Halovik R.	69 10	107 5	NS	gillnet	81	07	a		81	07	a		NS	NS
	Paliryuak R.	69 27	106 41	NS	gillnet	81	07	a		81	07	a		NS	NS
	Lauchlan R.	69 56	108 31	NS	gillnet	81	07	a		81	07	a		NS	NS
	Lauchlan R.	68 56	108 31	NS	gillnet	81	08	a		81	09	a		NS	NS
	Ellice R.	68 3	103 59	NS	gillnet	81	08	a		81	09	a		NS	NS
	Perry R.	67 44	102 13	NS	gillnet	81	08	a		81	09	a		NS	NS
	Jayco R.	69 43	103 17	NS	trap	81	07	a		81	07	a		NS	NS
	Jayco R.	69 43	103 17	NS	trap	81	08	a		81	09	a		NS	NS

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

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[a] Sampling occurred during run of CHAR (downstream run in mid-July and upstream run from mid-August to early September).

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Time Sampled Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
81-0104	Strathcona Sd. 2	73 4.5	84 41.0	9.1	hand[a]	81	08	26		81	08	26			bottom
	Strathcona Sd. 4	73 3.5	84 23.0	9.1	hand[a]	81	08	26		81	08	26			bottom
	Strathcona Sd. 10	73 4.0	84 28.0	-	hand[a]	81	08	28		81	08	28			bottom

Approximate latitudes and longitudes obtained by measuring plotted station positions given in unpublished manuscript.

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[a] Samples collected by hand during SCUBA dives.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Time Sampled Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
81-0105	Coppermine R.	67 50	115 6	NS	gillnet[a]	81	08	13		81	08	20		d	NS
	Coppermine R.	67 50	115 6	NS	gillnet[a]	81	08	13		81	08	20		d	NS
	Coppermine R.	67 50	115 6	NS	gillnet[a]	81	08	13		81	08	20		d	NS

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr		
81-0105 cont'd	Coppermine R.	67 50	115 6	NS	gillnet[a]	81	08	13		81	08	20		d	NS
	Coppermine R.	67 50	115 6	NS	gillnet[a]	81	08	13		81	08	20		d	NS
	Coppermine R.	67 50	115 6	NS	gillnet[a]	81	08	13		81	08	20		d	NS
	Coppermine R.	67 50	115 6	NS	gillnet[a]	81	08	13		81	08	20		d	NS
	Coppermine R.	67 45.5	115 18	NS	gillnet[a]	81	08	13		81	08	20		d	NS
	Coppermine R.	67 45.5	115 16	NS	gillnet[a]	81	08	13		81	08	20		d	NS
	Coppermine R.	67 46	115 15	NS	gillnet[a]	81	08	13		81	08	20		d	NS
	Coppermine R.	67 50	115 6	NS	gillnet[b]	81	08	13		81	08	20		e	NS
	Coppermine R.	67 50	115 6	NS	gillnet[b]	81	08	13		81	08	20		e	NS
	Coppermine R.	67 50	115 6	NS	gillnet[b]	81	08	13		81	08	20		e	NS
	Coppermine R.			NS	gillnet[b]	81	08	13		81	08	20		e	NS
	Coppermine R.	67 49	115 5	NS	gillnet[c]	81	10	28		81	11	23		f	NS
	Coppermine R.	67 48	115 6	NS	gillnet[c]	81	10	28		81	11	23		f	NS

Approximate latitudes and longitudes obtained by measuring plotted station positions in report.

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[a] Summer domestic fishery. Most stations concentrated near mouth of river, but three situated upstream (below Bloody Falls).

[b] Experimental netting program. Stations concentrated near mouth of river.

[c] Winter domestic fishery.

[d] Nets checked twice a day.

[e] 12-24 h sets.

[f] Three 24 h sets made with each net.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
81-0106	Resolute Bay[1]	NS	NS	0-10	otter trawl	81	09	11		81	09	16		5-20 min.	bottom
	10 mi. S.E. Resolute Bay[1,2]	NS	NS	0-10	otter trawl	81	09	-		81	09	-		15-20 min.	bottom

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[1] A number of samples taken.

[2] No catch.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
82-0117	Hayes R.	67 08	95 20	NS	gillnet	82	08	28		82	09	11			NS

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
82-0118	Coppermine R.	67 49	115 5	NS	gillnet	82	09	08		82	11	03			NS
	Coppermine R.	67 48	115 6	NS	gillnet	82	09	08		82	11	03			NS

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
82-0119	Shepherd Bay 11	68 48	93 38		Swedish gillnet	82	08	24		82	08	25		19	bottom

Latitude and longitude are from report.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
82-0148	Ekalluk R.	69 24.5	106 20	NS	gillnet	82	08	[a]		82	09	[a]		NS	NS
	Halovik R.	69 10	107 5	NS	gillnet	82	07	[a]		82	07	[a]		NS	NS
	Paliryuak R.	69 27	106 41	NS	gillnet	82	07	[a]		82	07	[a]		NS	NS
	Lauchlan R.	68 56	108 31	NS	gillnet	82	07	[a]		82	07	[a]		NS	NS
	Lauchlan R.	68 56	108 31	NS	gillnet	82	08	[a]		82	09	[a]		NS	NS
	Ellice R.	68 3	103 59	NS	gillnet	82	08	[a]		82	09	[a]		NS	NS
	Jayco R.	69 43	103 17	NS	trap	82	NS	NS		81	NS	NS		NS	NS

Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.

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[a] Sampling occurred during run of CHAR (downstream run in mid-July and upstream run from mid-August to early September).

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
83-0063	Ekalluk R.	69 24.5	106 20	NS	gillnet	83	08	[a]		83	09	[a]		NS	NS
	Halovik R.	69 10	107 5	NS	gillnet	83	07	[a]		83	07	[a]		NS	NS
	Paliryuak R.	69 27	106 41	NS	gillnet	83	07	[a]		83	07	[a]		NS	NS
	Paliryuak R.	69 27	106 41	NS	gillnet	83	08	[a]		83	09	[a]		NS	NS
	Lauchlan R.	68 56	108 31	NS	gillnet	83	08	[a]		83	09	[a]		NS	NS
	Ellice R.	68 3	103 59	NS	gillnet	83	08	[a]		83	09	[a]		NS	NS
	Jayco R.	69 43	103 17	NS	gillnet	83	07	[a]		83	07	[a]		NS	NS

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo Start	Dy	Hr	Yr	Mo Stop	Dy	Hr		
83-0063 cont'd	Jayco R.	69 43	103 17	NS	trap	83	08	a		83	09	a		NS	NS
	Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.														

[a] Sampling occurred during run of CHAR (downstream run in mid-July and upstream run from mid-August to early September).

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo Start	Dy	Hr	Yr	Mo Stop	Dy	Hr		
84-0037	Ekalluk R.	69 24.5	106 20	NS	gillnet	84	08	a		84	09	a		NS	NS
	Halovik R.	69 10	107 5	NS	gillnet	84	07	a		84	07	a		NS	NS
	Paliryuak R.	69 27	106 41	NS	gillnet	84	07	a		84	07	a		NS	NS
	Paliryuak R.	69 27	106 41	NS	gillnet	84	08	a		84	09	a		NS	NS
	Lauchlan R.	68 56	108 31	NS	gillnet	84	07	a		84	07	a		NS	NS
	Lauchlan R.	68 56	108 31	NS	gillnet	84	08	a		84	09	a		NS	NS
	Ellice R.	68 3	103 59	NS	gillnet	84	08	a		84	09	a		NS	NS
	Jayco R.	69 43	103 17	NS	gillnet	84	07	a		84	07	a		NS	NS
	Jayco R.	69 43	103 17	NS	gillnet	84	08	a		84	09	a		NS	NS
	Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.														

[a] Sampling occurred during run of CHAR (downstream run in mid-July and upstream run from mid-August to early September).

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo Start	Dy	Hr	Yr	Mo Stop	Dy	Hr		
84-0038	Strathcona Sd. 1	73 07.0	84 59.0	12.2-13.7	hand[a]	84	08	21		84	08	21			bottom
	Strathcona Sd. 9	73 4.5	84 37.0	10.7	hand[a]	84	08	23		84	08	23			bottom
	Strathcona Sd. 11	73 03.0	84 14.0	9.1	hand[a]	84	08	23		84	08	31			bottom
	Approximate latitudes and longitudes obtained by measuring plotted station positions given in unpublished manuscript.														

Data Table 3

Queen Elizabeth Islands

Data Table 3.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
18^{52}-0001	Northumberland Sound	76 53	96 55			52				53					
	H.M.S. Assistance and H.M.S. Pioneer wintered at Northumberland Sound during winter 1852-53.														
01-0001	Renbugten	76 40	89 25		bottom dredge?	01	07	08							
	Renbugten	76 40	89 25		bottom dredge?	01	07	09							
	LandsEnd	76 51	89 30		bottom dredge?	01	07	11							
	LandsEnd	76 51	89 30		bottom dredge?	01	07	12							
	Approximate latitude and longitude determined from place names referred to in report.														
13-0001	Ibbett Bay, Melville Is. 62 g	75 50	116 45		found on ice	15	06								
	N.W. coast Borden Is.	78 30	115 00		found on ice	16	05	12		16	05	13			
51-0027	Ellesmere Is. (Alert)	82 29	62 15		[a]	51	04	14		51	09	30			

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[a] Samples collected from bottom dredges and from stomach contents.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
52-0030	Mould Bay	76 14.0	119 20.0		[a]	52	06			52	08			[b]	
	Latitude and longitude from National Museum of Canada records.														

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[a] Samples collected with gillnets, bottom dredges; some found dead or are from stomach contents.
[b] A number of collections made. Those in the National Museum of Canada are from June, July, and August.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
54-0038	Mould Bay	76 12	119 20	NS	NS	54	07	28							
	Mould Bay	76 12	119 20	NS	NS	54	07								
	Latitude and longitude from National Museum of Canada records.														

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
62-0005	Slidre Fiord 62-3001	80 0.0	86 0.0		gillnet	62	07	02		62	08	16			2.0-70.0
	Slidre Fiord 63-3002	81 5.0	92 0.0		gillnet					62	07	01			29.0
	Strand Fiord 62-3004	79 10.0	92 0.0		gillnet					62	07	18			2.0-57.0
	West Devon Is. 62-4308	76 37.1	96 20.5		gillnet					62	07	14			2.0
	Cornwallis Is. 62-4901	75 24.9	93 54.3		gillnet					62	08	08			0.0-2.0
	Cornwallis Is. 62-4901	75 24.9	93 54.3		gillnet					62	08	11			0.0-2.0
	Cornwallis Is. 62-4907	75 24.8	93 54.6		gillnet					62	08	08			0.2-2.0
	Cornwallis Is. 62-4907	75 24.8	93 54.6		gillnet					62	08	11			0.2-2.0
	Cornwallis Is. 62-4908	75 24.9	93 54.6		gillnet					62	08	10			0.0-5.0
	Cornwallis Is. 62-4908	75 24.9	93 54.6		gillnet					62	08	11			0.0-5.0
	Slidre Fiord 62-3001	80 0.0	86 0.0		otter trawl	62	07	02		62	08	16			2.0-70.0
	Strand Fiord 62-3004	79 10.0	92 0.0		otter trawl	62	07	18		62	07	18			2.0-57.0
	Slidre Fiord 62-3005	79 58.0	86 0.0		otter trawl	62	07	25		62	07	25			20.0-40.0
	West Devon Is. 62-4300	76 37.2	96 21.6		otter trawl	62	07	14		62	07	14			5.0
	West Devon Is. 62-4302	76 37.2	96 24.1		otter trawl	62	07	15		62	07	15			5.0
	West Devon Is. 62-4303	76 37.1	96 24.9		otter trawl	62	07	15		62	07	15			5.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Time Sampled Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
62-0005 cont'd	West Devon Is. 62-4304	76 47.3	96 27.8		otter trawl	62	07	16		62	07	16			25.0
	West Devon Is. 62-4305	76 37.0	96 27.4		otter trawl	62	07	16		62	07	16			40.0
	West Devon Is. 62-4307	76 37.2	96 20.6		hand	62	07	14		62	07	14			0.0
	West Devon Is. 62-4310	76 37.3	96 22.8		hand	62	07	16		62	07	16			0.0
	Slidre Fiord 62-3001	80 0.0	86 0.0		bottom dredge	62	07	02		62	08	16			2.0-70.0
	Slidre Fiord 62-3002	81 5.0	92 0.0		bottom dredge	62	07	01		62	07	01			29.0
	Slidre Fiord 62-3003	79 58.0	85 35.0		bottom dredge	62	07	17		62	07	17			2.0-30.0
	Slidre Fiord 62-3003	79 58.0	85 35.0		bottom dredge	62	08	05		62	08	05			2.0-30.0
	Strand Fiord 62-3004	79 10.0	92 0.0		bottom dredge	62	07	18		62	07	18			2.0-57.0
	Slidre Fiord 62-3011	79 55.0	85 20.0		bottom dredge	62	08	10		62	08	10			30.0-42.0
	Slidre Fiord 62-3001	80 0.0	86 0.0		plankton net	62	07	02		62	08	16			2.0-70.0
	Slidre Fiord 62-3002	81 5.0	92 0.0		plankton net	62	07	01		62	07	01			29.0
	Strand Fiord 62-3004	79 10.0	92 0.0		plankton net	62	07	18		62	07	18			2.0-57.0
	Slidre Fiord 62-3011	79 55.0	85 20.0		plankton net	62	08	10		62	08	10			30.0-42.0
	West Devon Is. 62-4301	76 36.7	96 23.8		plankton net	62	07	15		62	07	15			40.0
	West Devon Is. 62-4306	76 36.3	96 26.1		plankton net	62	07	16		62	07	16			62.0

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Start Mo	Start Dy	Start Hr	Stop Yr	Stop Mo	Stop Dy	Stop Hr	Interval (h)	Depth Sampled (m)
62-0005 cont'd	Slidre Fiord 62-3001	80 0.0	86 0.0		plankton net on sled	62	07	02		62	08	16			2.0-70.0
	Slidre Fiord 62-3002	81 5.0	92 0.0		plankton net on sled	62	07	01		62	07	01			29.0
	Slidre Fiord 63-3003	79 58.0	85 35.0		plankton net on sled	62	07	17		62	07	17			2.0-30.0
	Slidre Fiord 63-3003	79 58.0	85 35.0		plankton net on sled	62	08	05		62	08	05			2.0-30.0
	Slidre Fiord 63-3004	79 10.0	92 0.0		plankton net on sled	62	07	18		62	07	18			2.0-57.0
	Slidre Fiord 62-3001	80 0.0	86 0.0		bottom grab	62	07	02		62	08	16			2.0-70.0
	Slidre Fiord 62-3003	79 58.0	85 35.0		bottom grab	62	07	17							2.0-30.0
	Slidre Fiord 62-3003	79 58.0	85 35.0		bottom grab	62	08	05							2.0-30.0
	Latitudes and longitudes are from Hunter and Leach (1983a) and were originally obtained from topographic maps or hydrographic charts available at the time the work was performed.														
72-0016	Prince Patrick Island	NS	NS		rod and line	72	08			72	08				
72-0117	Mould Bay, Station R. Delta	76 14	119 20		NS	72	08	03							
	Latitude and longitude from National Museum of Canada records.														
74-0121	Cominco Bay	75 22.8	96 53.5		gillnet	74	08	19		74	08	21			
	Cominco Bay	75 22.8	96 53.5		gillnet	74	08	19		74	08	21			
	Cominco Bay	75 22.8	96 53.0		trapnet	74	08	19		74	08	21			

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
74-0121 cont'd	Cominco Bay	75 22.7	96 52.5		trapnet	74	08	19		74	08	21			
	Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.														
75-0019	Drake 1-55	76 24.7	107 48.8	132.5	baited line	75	03	02		75	04	11		a	b
	Drake 1-55	76 24.7	107 48.8	132.5	hand	75	03	06							surface
	Drake 1-55	76 24.7	107 48.8	132.5	hand	75	03	12	1100						surface
	Drake 1-55	76 24.7	107 48.8	132.5	observations[1]	75	03	02		75	04	11			surface
	Drake 1-55	76 24.7	107 48.8	132.5	underwater video camera	75	03	13	1930	75	03	13	2330	4.0	0-132.5
	Drake 1-55	76 24.7	107 48.8	132.5	underwater video camera	75	03	21	2100	75	03	21	2330	1.5	0-132.5
	Drake 1-55	76 24.7	107 48.8	132.5	underwater video camera	75	03	22	1830	75	03	22	2230	4.0	0-132.5
	Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.														

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[a] Line was rebaited and set every 24 h during monitoring program.

[b] Baited hook positioned at 0, 3, 6, 9, 12, 15, 30, 60, 90, 120 m and 6 more placed evently from 120 m - bottom.

[1] Surface observations through ice hole.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start Yr	Mo	Dy	Hr	Stop Yr	Mo	Dy	Hr	Interval (h)	Depth Sampled (m)
75-0139	N.W. of Templeton Bay	75 26.0	96 37.0			75	08	19							
	Berkeley Str.	75 39.0	96 43.0			75	08	19							
	Snowblind Bay, Wellington Channel	75 13.0	93 30.0			75	08	20							
	Emery Bay, Wellington Channel	75 13.0	92 32.0			75	08	20							
	McDougall Sd.	75 30.0	97 33.0			75	08	24							
	Hooker Bay	75 23.0	100 33.0			75	09	01							

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled								Interval (h)	Depth Sampled (m)
						Yr	Mo Start	Dy	Hr	Yr	Mo Stop	Dy	Hr		
75-0139 cont'd	Austin Channel	75 20.0	103 35.0			75	09	01							
	Latitudes and longitudes from National Museum of Canada records.														
76-0118	Belcher Channel	77 11.0	95 12.0			76	07	21							
	Queens Channel	76 14.0	95 20.0			76	07	22							
	Latitudes and longitudes from National Museum of Canada records.														
77-0118	Templeton Bay	75 31	96 30		gillnet	77	08	12		77	08	16			nearshore
	Brooman Pen.	75 31	97 35		gillnet	77	08	17		77	08	21			nearshore
	Byam Martin Is.	75 25	104 00		gillnet	77	08	22		77	08	24			nearshore
	Graham Moore Bay	75 31.5	102 30		otter trawl	77	08	08		77	08	15			nearshore
	Templeton Bay	75 31	96 30		otter trawl	77	08	12		77	08	16			nearshore
	Brooman Pen.	75 31	97 35		otter trawl	77	08	17		77	08	21			nearshore
	Byam Martin Is.	75 25	104 00		otter trawl	77	08	22		77	08	24			nearshore
	Templeton Bay	75 31	96 30		hand	77	08	12		77	08	16			nearshore
	Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.														
77-0119	CB-24	75 22.8	96 54	3-4	gillnet	77	08	27		77	08	27		7.5	bottom
	CB-23	75 22.8	96 54	0-2	beach seine	77	08	26							bottom
	CB-25	75 22.0	96 48	0-2	beach seine	77	08	28							bottom
	Approximate latitudes and longitudes obtained by measuring plotted station positions given in report.														

Data Table 3 Continued.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start				Time Sampled Stop				Interval (h)	Depth Sampled (m)
						Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr		
81-0102	Young Inlet 7	76 35	99 00	NS	Swedish gillnet	81	07	30		81	07	31		21.5	bottom
	Approximate latitude and longitude obtained by measuring plotted station positions given in report.														
81-0108	Garrow Bay 6	75 21.5	96 48.0	12.2	hand[a]	81	08	20		81	08	20			bottom
	Approximate latitude and longitude obtained by measuring plotted station positions given in unpublished manuscript.														

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[a] Samples collected by hand during SCUBA dives.

Data Set No.	Stn. No./ Location	Latitude (°N)	Longitude (°W)	Stn. Depth (m)	Gear Type	Time Sampled Start				Time Sampled Stop				Interval (h)	Depth Sampled (m)
						Yr	Mo	Dy	Hr	Yr	Mo	Dy	Hr		
84-0039	Crozier Str. 2	75 23.0	96 57.0	15.2-16.8	hand[a]	84	08	12		84	08	12			bottom
	Garrow Bay 6	75 21.5	96 48.0	7.6	hand[a]	84	08	15		84	08	15			bottom
	Garrow Bay 7	75 22.1	96 48.0	6.1	hand[a]	84	08	15		84	08	15			bottom
	Garrow Bay 8	75 23.0	96 45.0	9.1	hand[a]	84	08	15		84	08	15			bottom
	Cominco Bay 5	75 21.5	96 51.0	12.2	hand[a]	84	08	16		84	08	16			bottom
	Approximate latitudes and longitudes obtained by measuring plotted station positions given in unpublished manuscript.														

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[a] Samples collected by hand during SCUBA dives.

MAPS

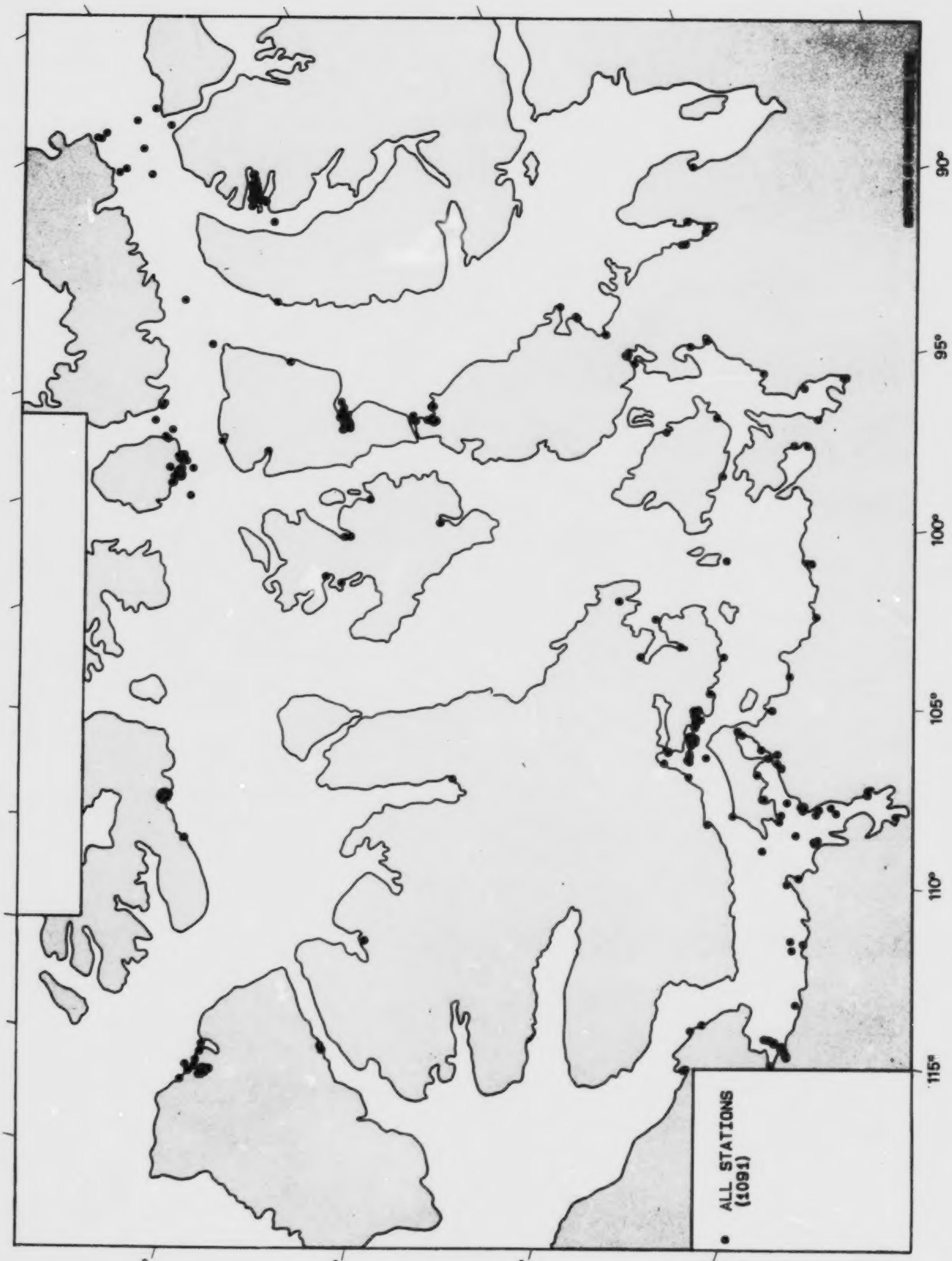
The fish measurement locations are plotted on a series of maps. They are Lambert Conformal Projection with scales of 1:7 000 000 and 1:4 000 000.

The first series of maps has been prepared for bi-monthly intervals (January-February, March-April, May-June, July-August, September-October and November-December) with all data sets plotted.

The second series of maps is plotted with one or more data sets, each identified with a different symbol. These maps are arranged chronologically by data set number. For some data sets there was not enough information available to prepare a map.

Maps

Northwest Passage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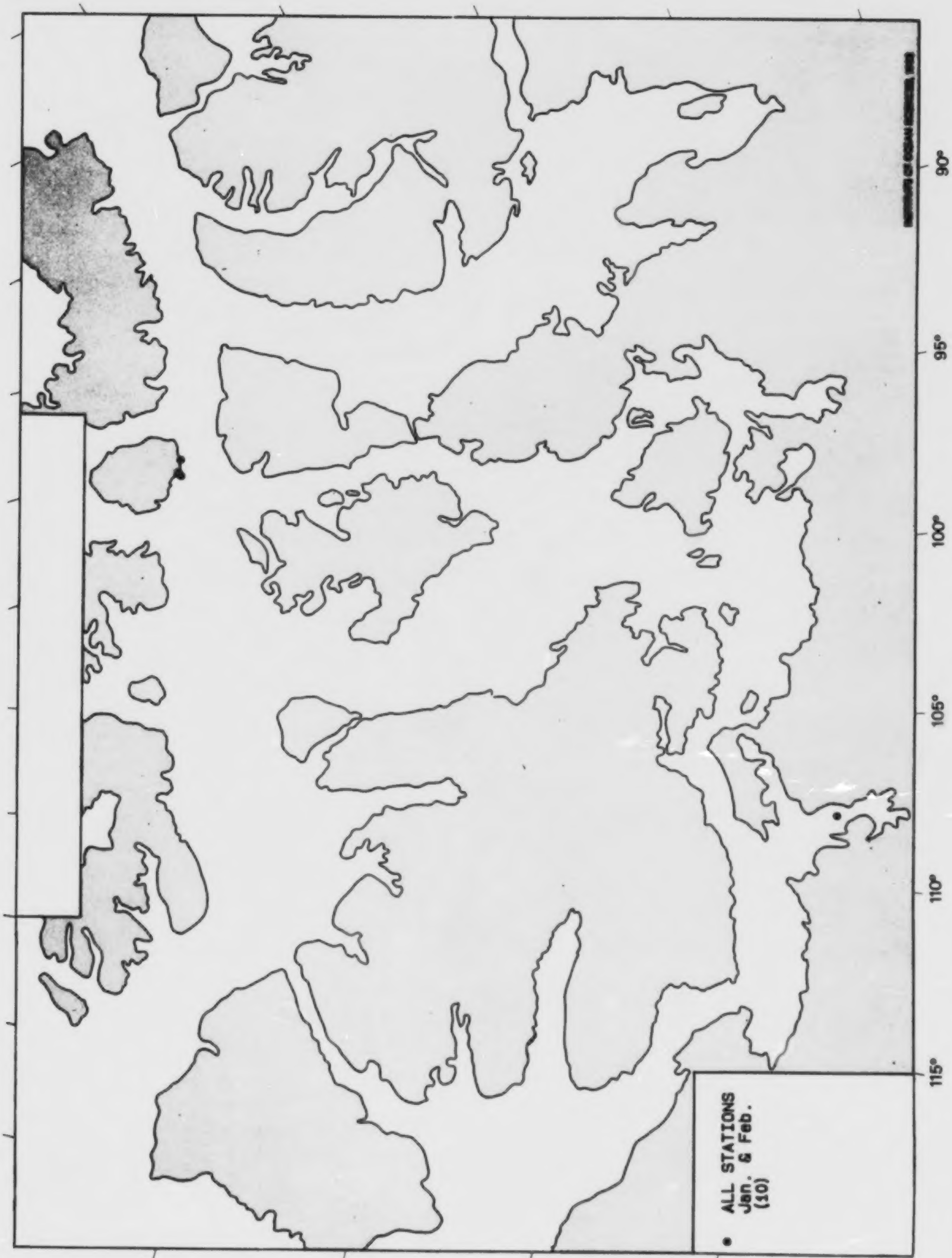
70°
68°
90°
95°
100°
105°
110°
115°
● ALL STATIONS (±1091)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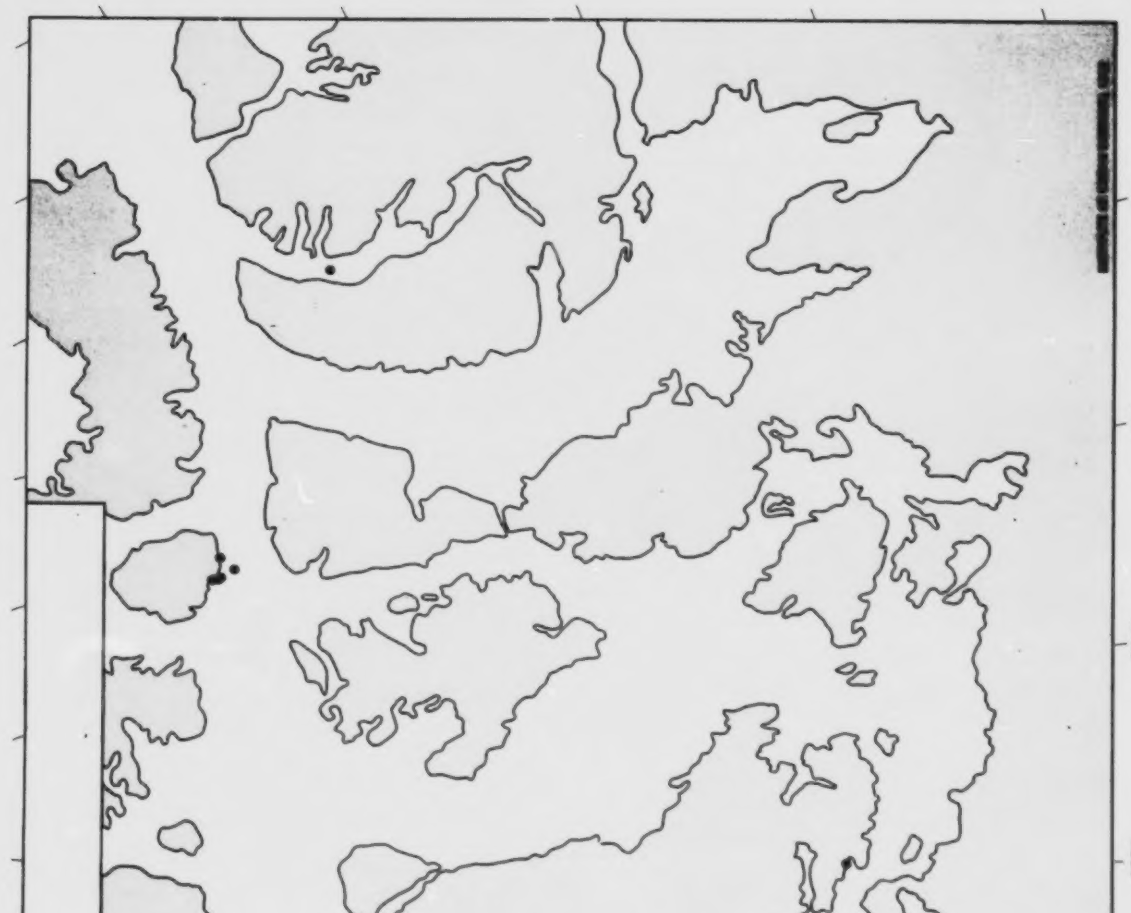
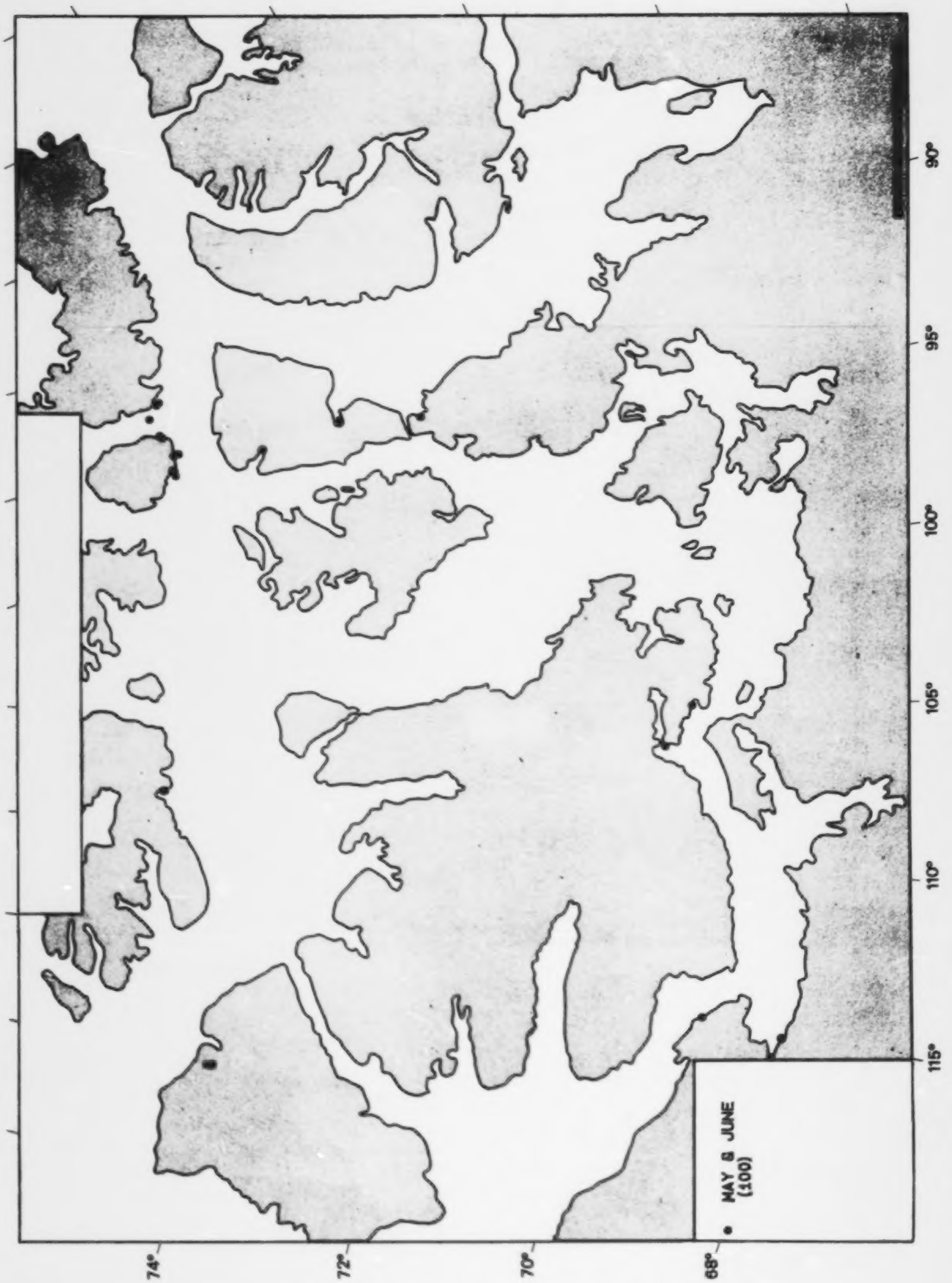
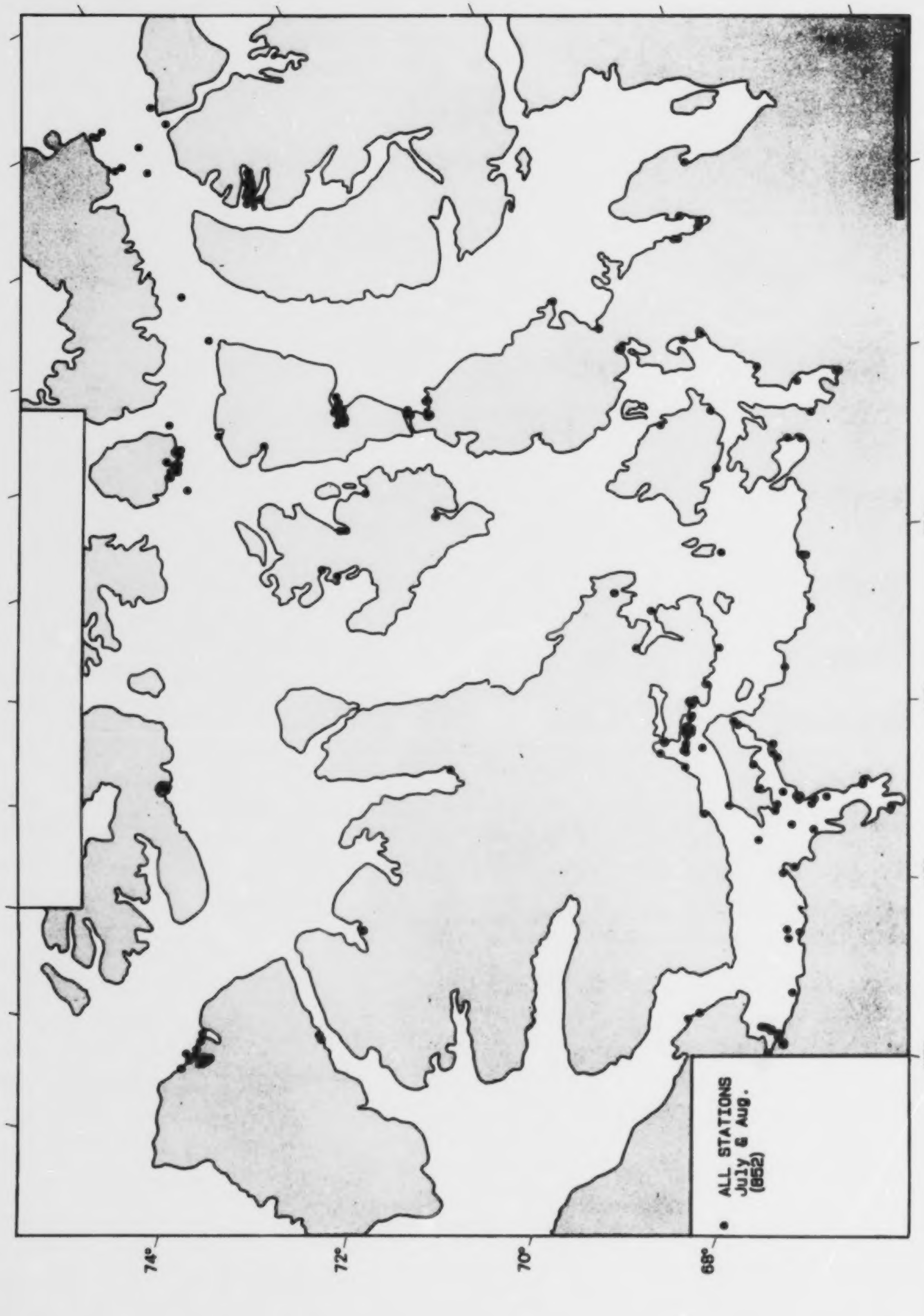
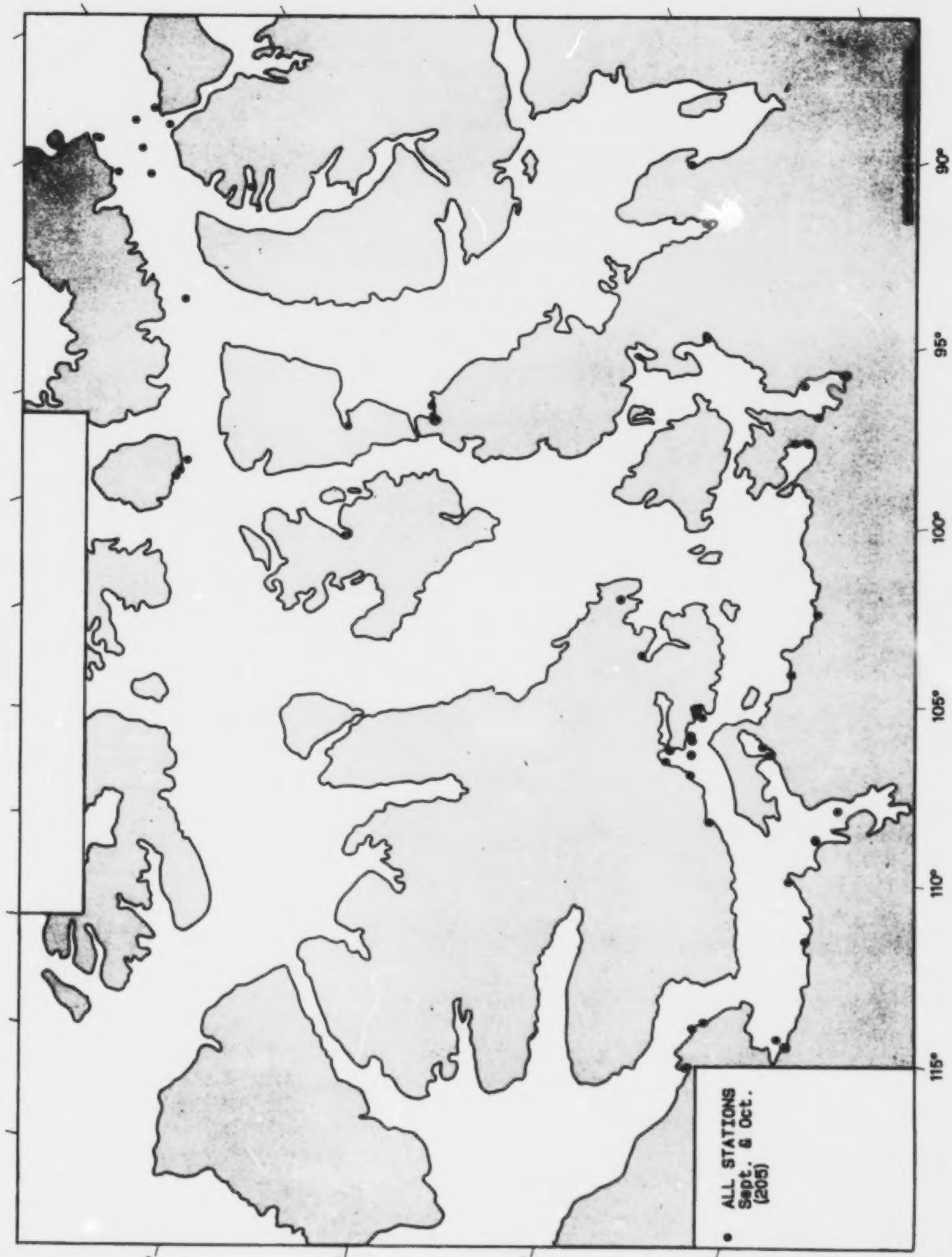
70°
68°
90°
95°
100°
105°
110°
115°
ALL STATIONS
Jan. & Feb.
(10)


● ALL STATIONS
Mar. & Apr.
(21)
90°
95°
100°
105°
110°
115°
74°
72°
70°
68°


● MAY & JUNE
(100)
74°
72°
70°
68°
90°
95°
100°
105°
110°
115°



74°
72°
70°
68°
90°
95°
100°
105°
110°
115°
● ALL STATIONS July & Aug. (852)


• ALL STATIONS Sept. & Oct. (205)
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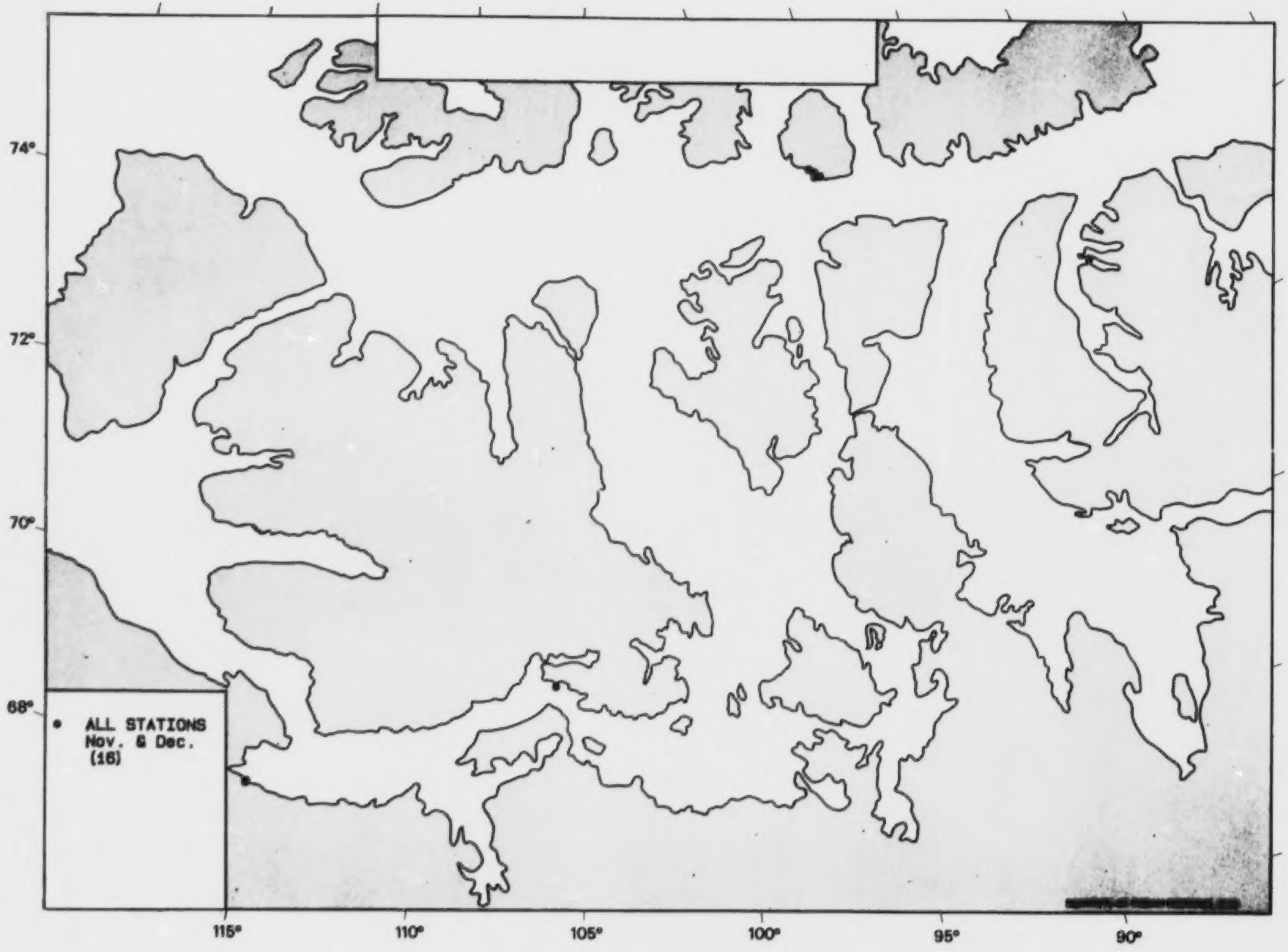
72°
70°
68°
90°
95°
100°
105°
110°
115°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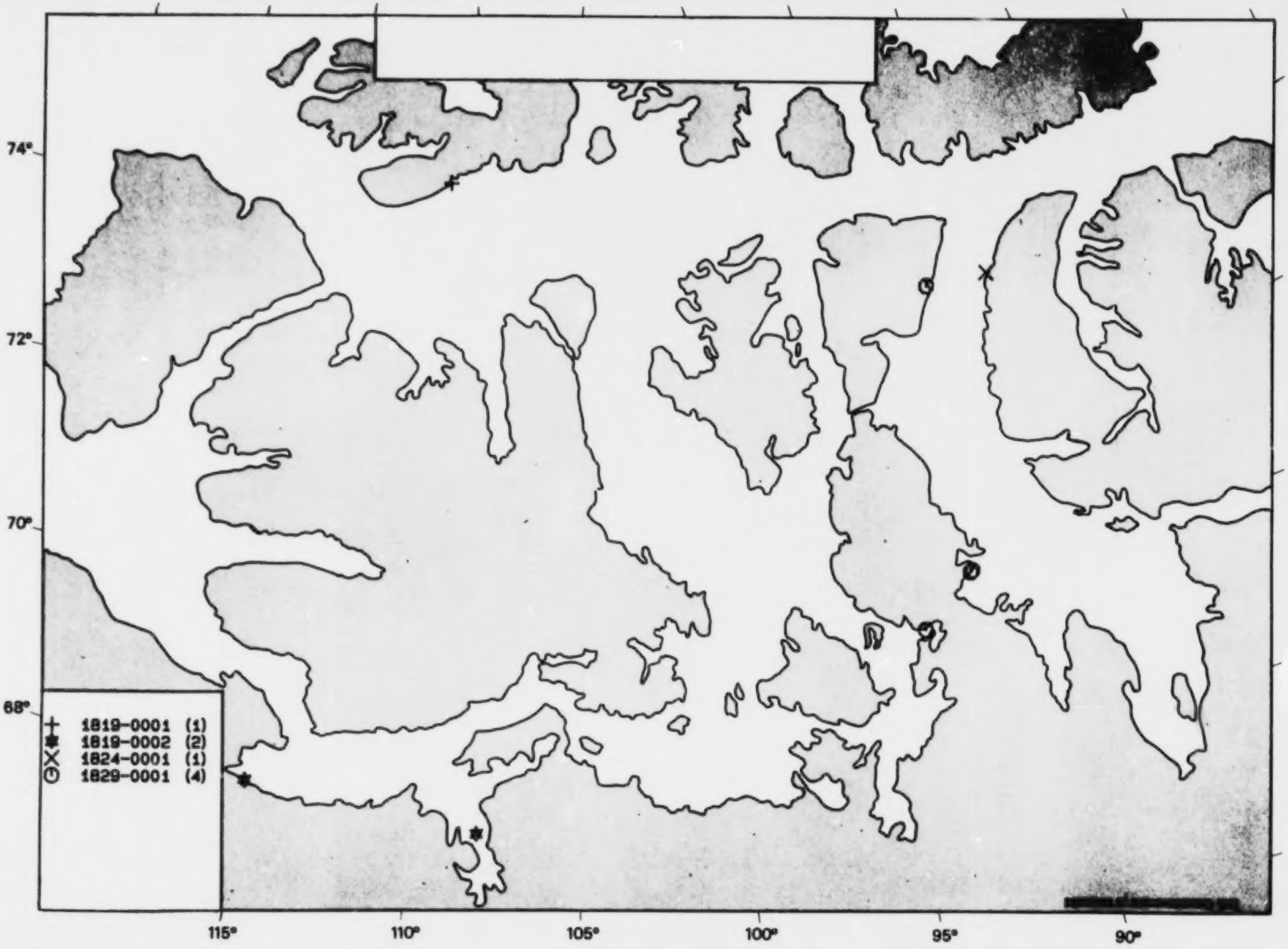
70°
68°
115°
110°
105°
100°
95°
90°
ALL STATIONS
Nov. & Dec.
(16)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90°
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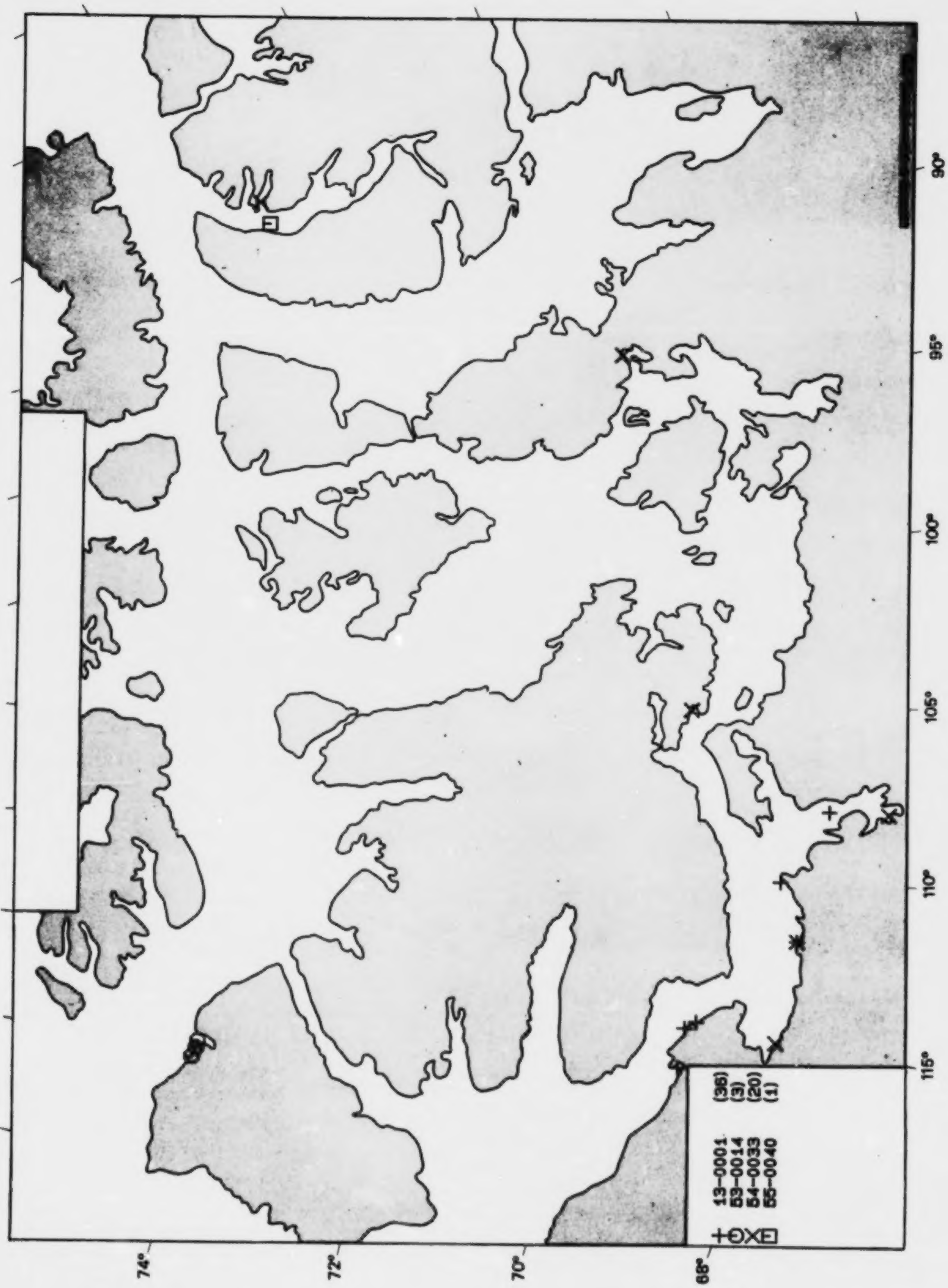
× 1824-0001 (1)
⊙ 1829-0001 (4)



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95°
90°
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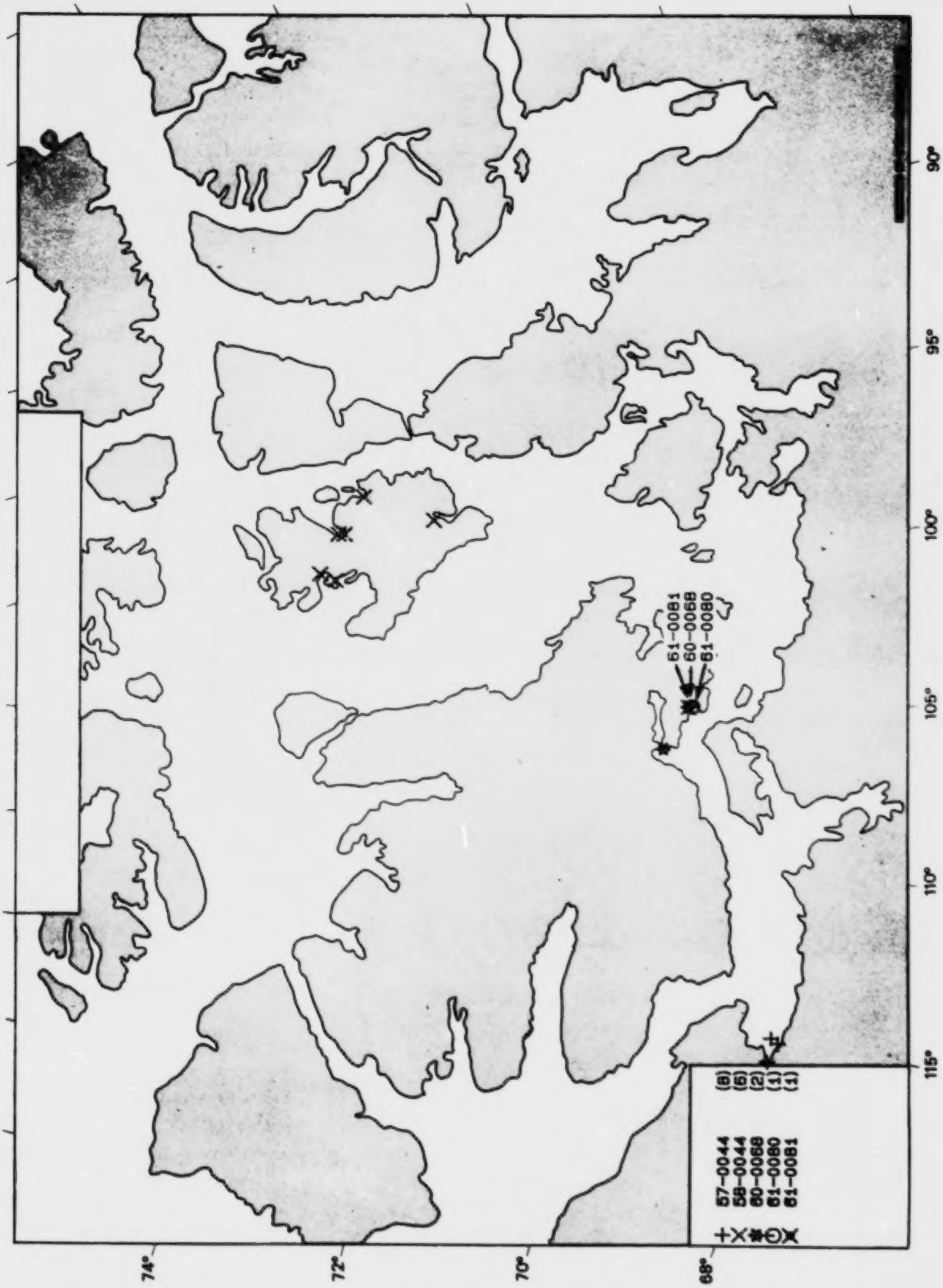
○ 53-0014 (3)
X 54-0033 (20)
⊟ 55-0040 (1)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105°
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115°
61-0081
60-0068
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X 58-0044 (6)
✱ 60-0068 (2)
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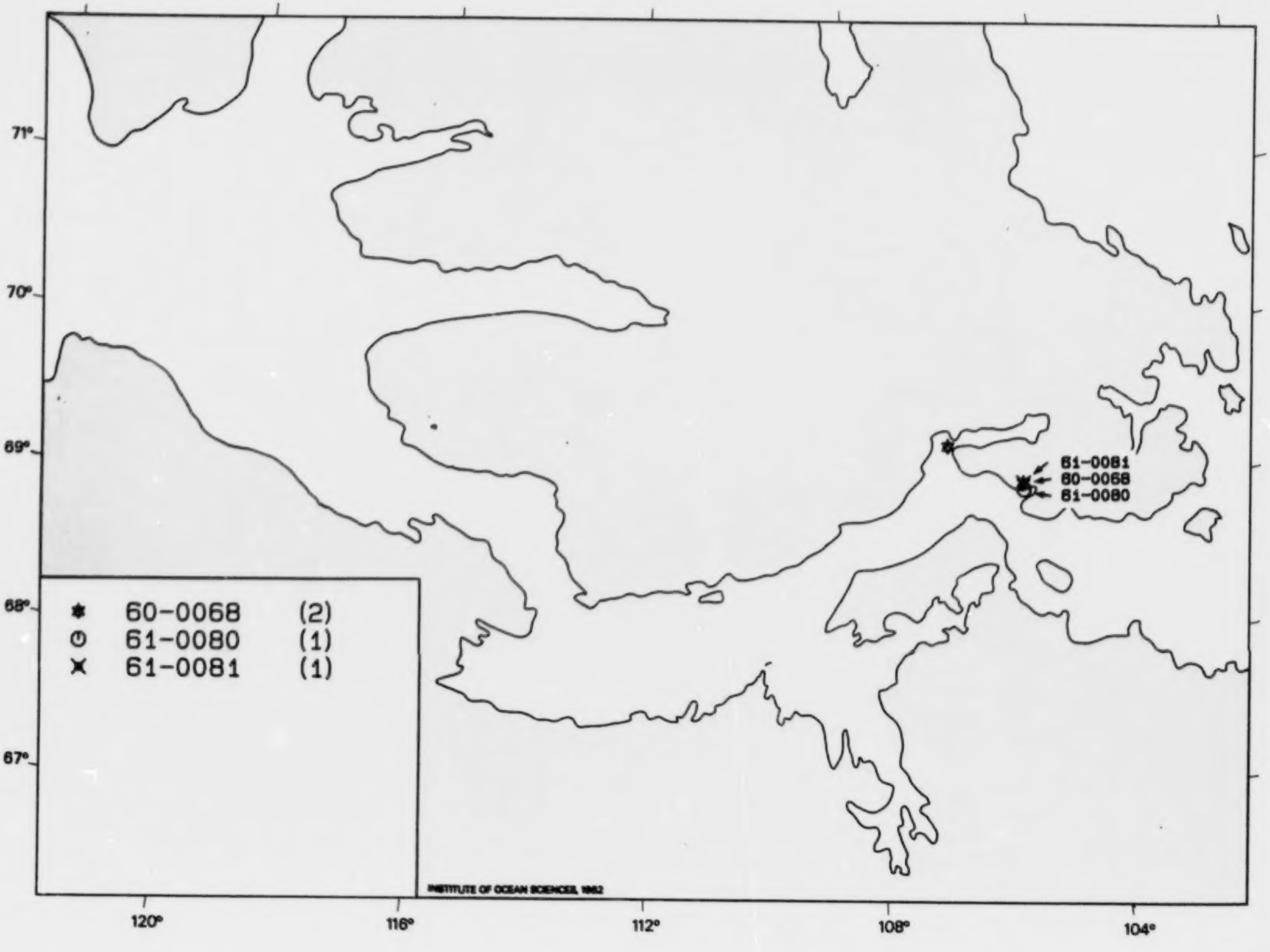
⌘ 61-0081 (1)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104°
61-0081
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✕ 61-0081 (1)
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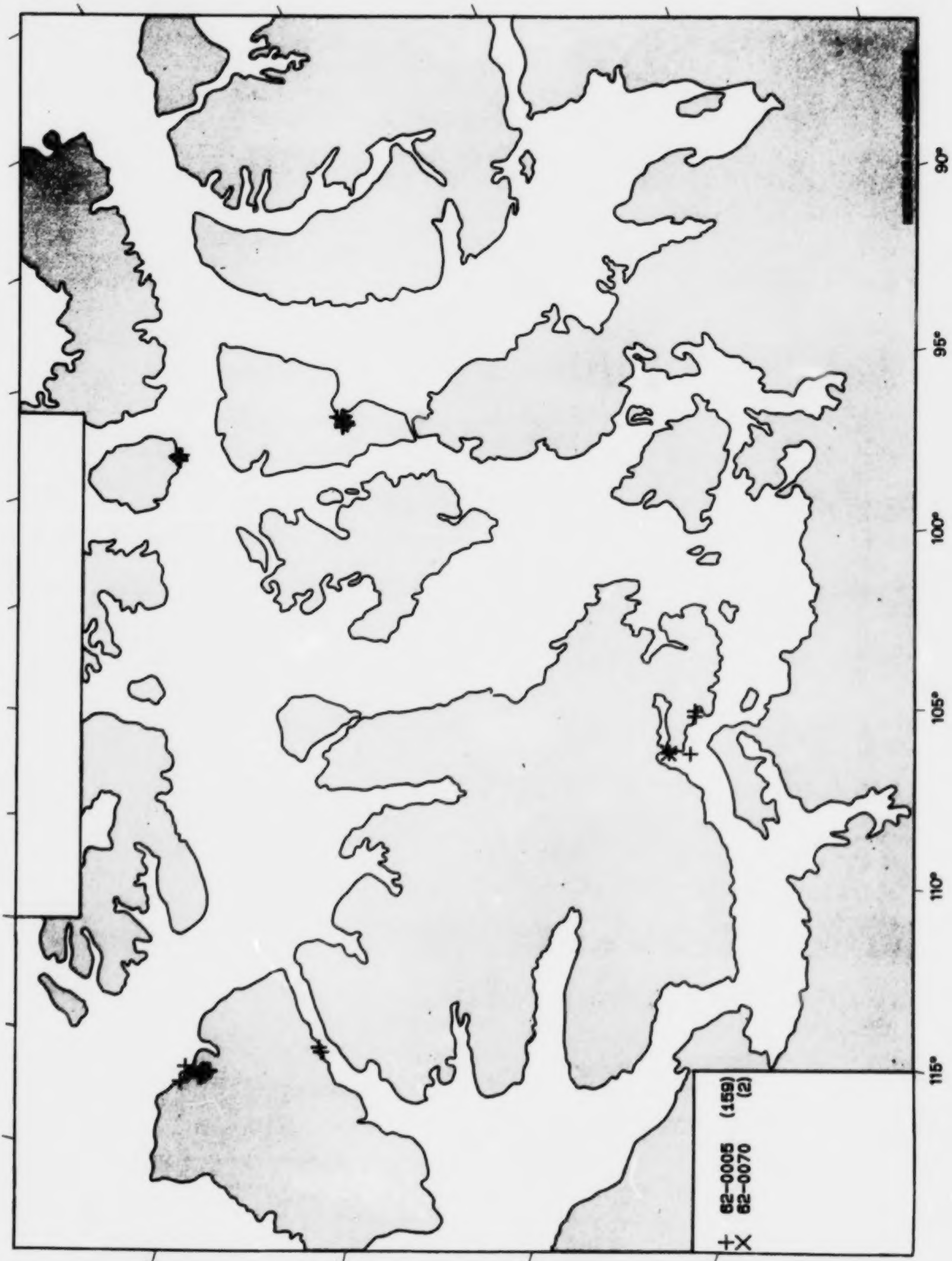
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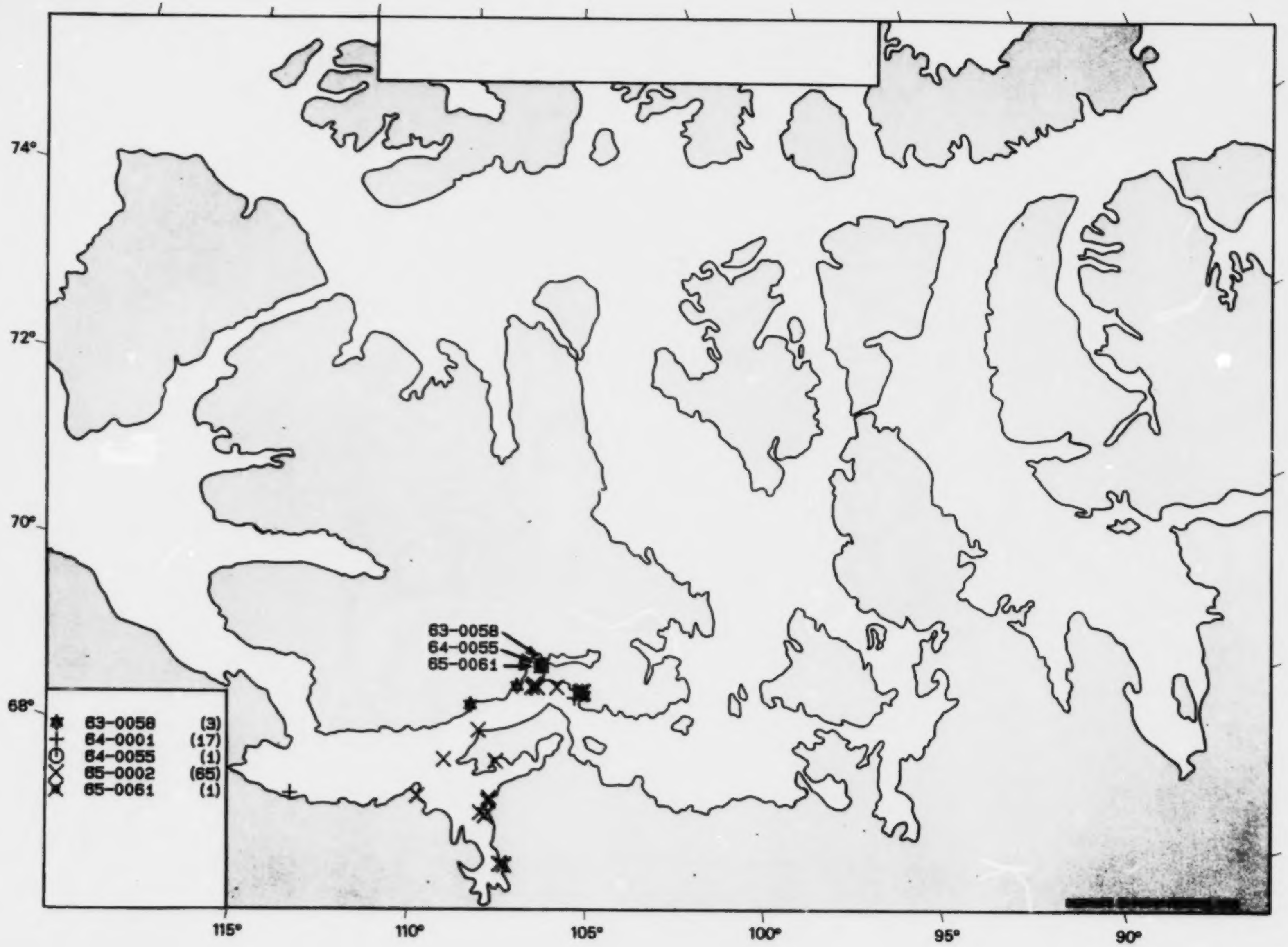
× 62-0070 (2)



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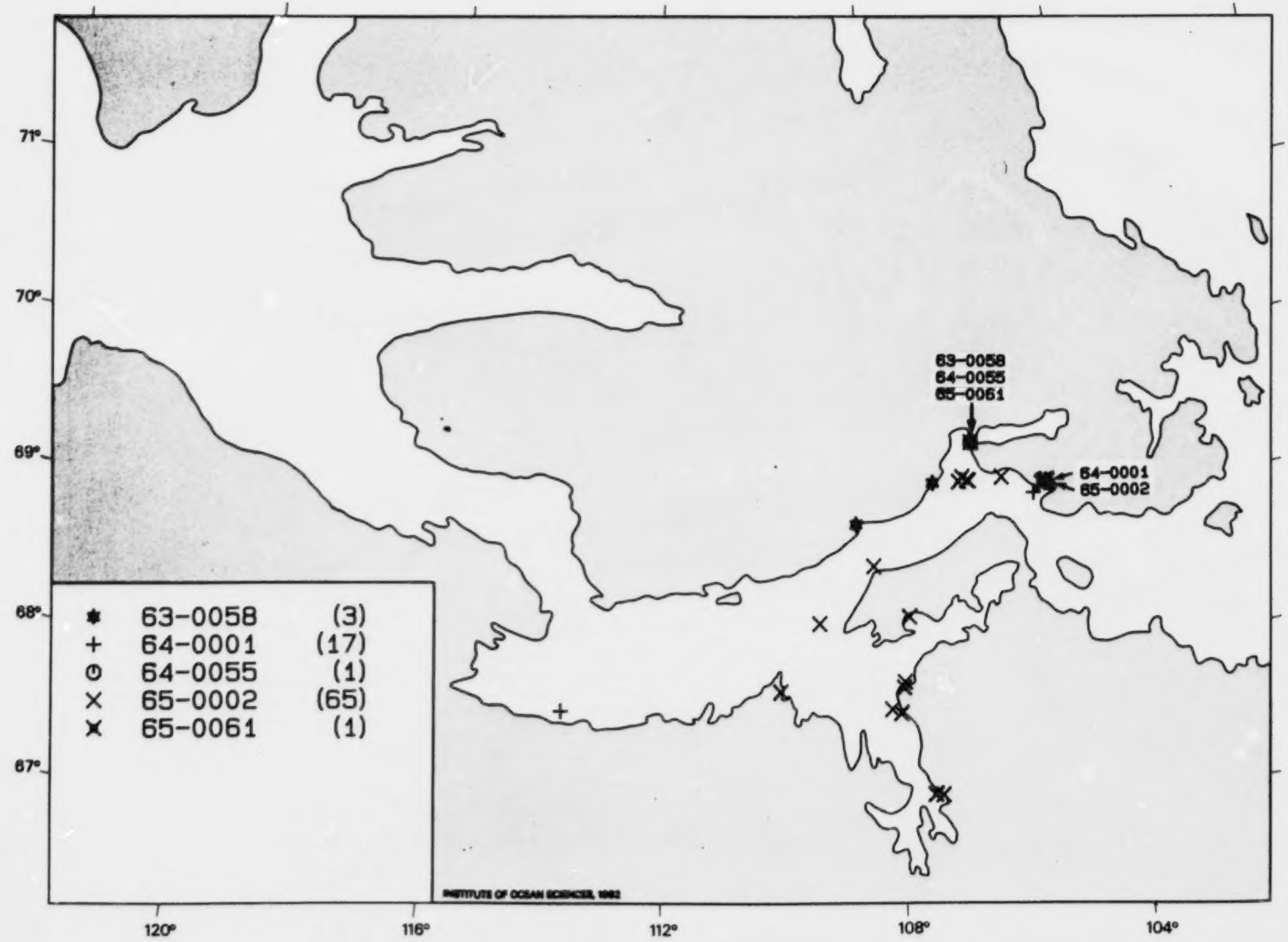
70°
68°
115°
110°
105°
100°
95°
90°
63-0058
64-0055
65-0061
63-0058 (3)
64-0001 (17)
64-0055 (1)
65-0002 (65)
65-0061 (1)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65-0002
✱ 63-0058 (3)
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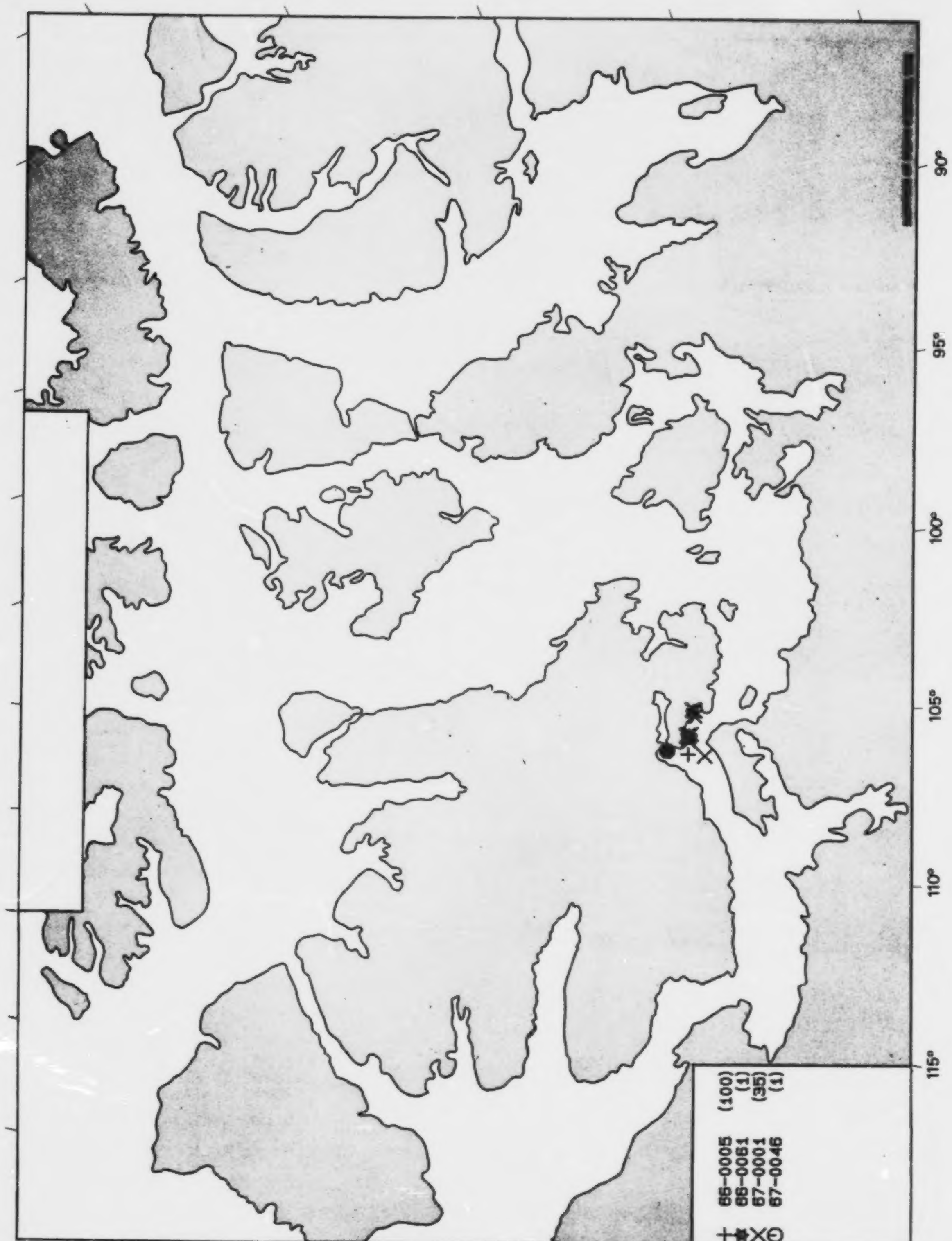
INSTITUTE OF OCEAN SCIENCES, 1982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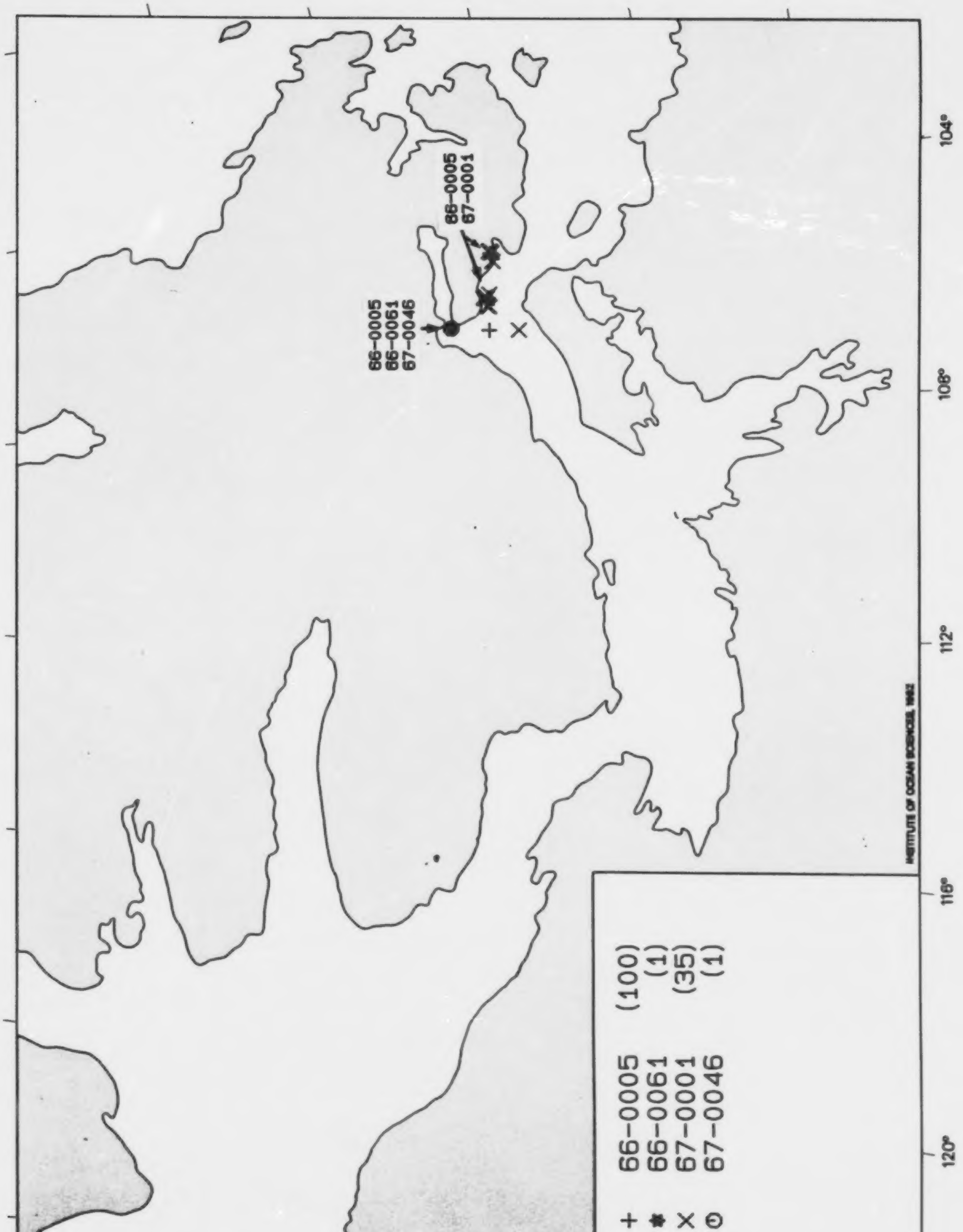
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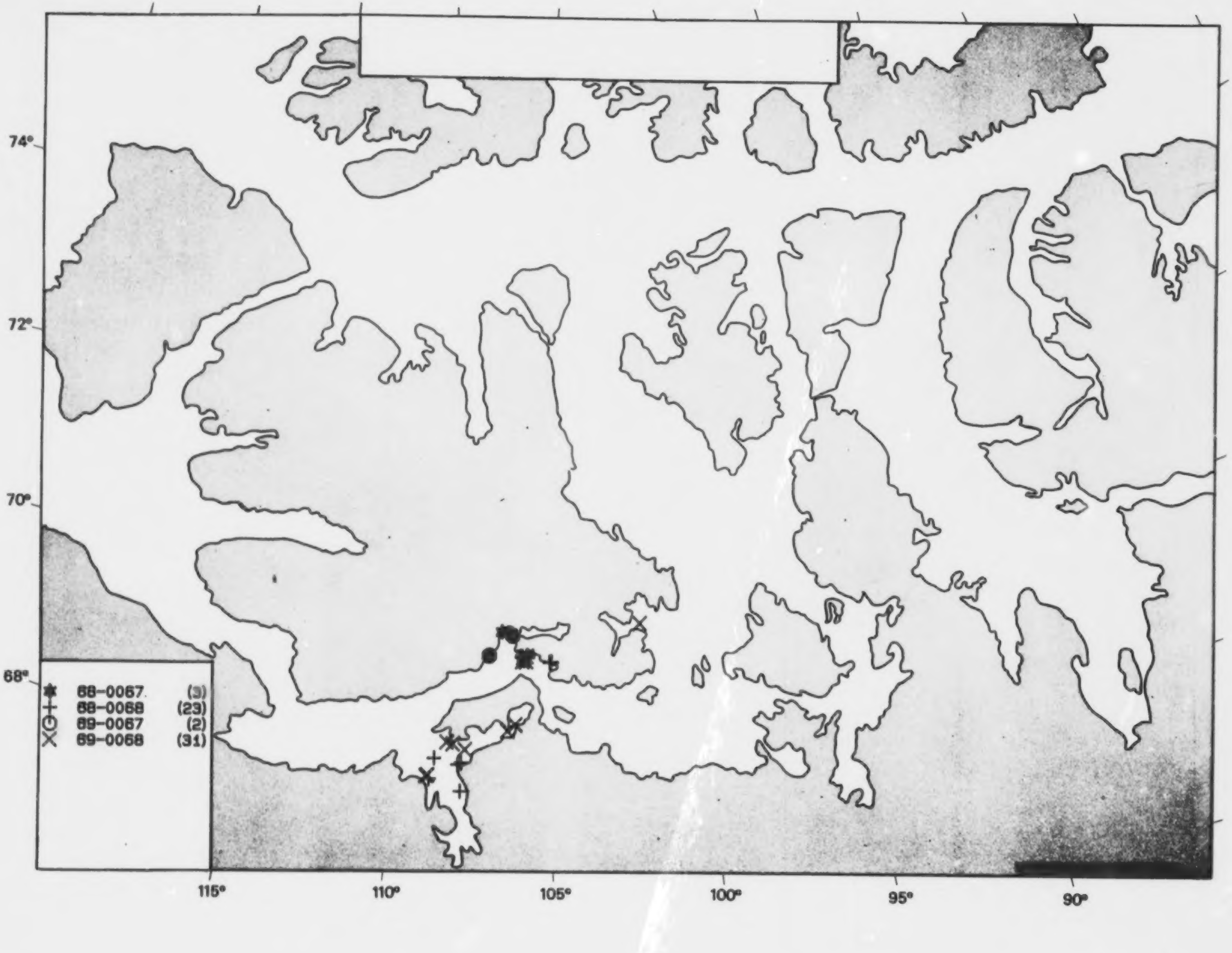
INSTITUTE OF OCEAN SCIENCES, 1982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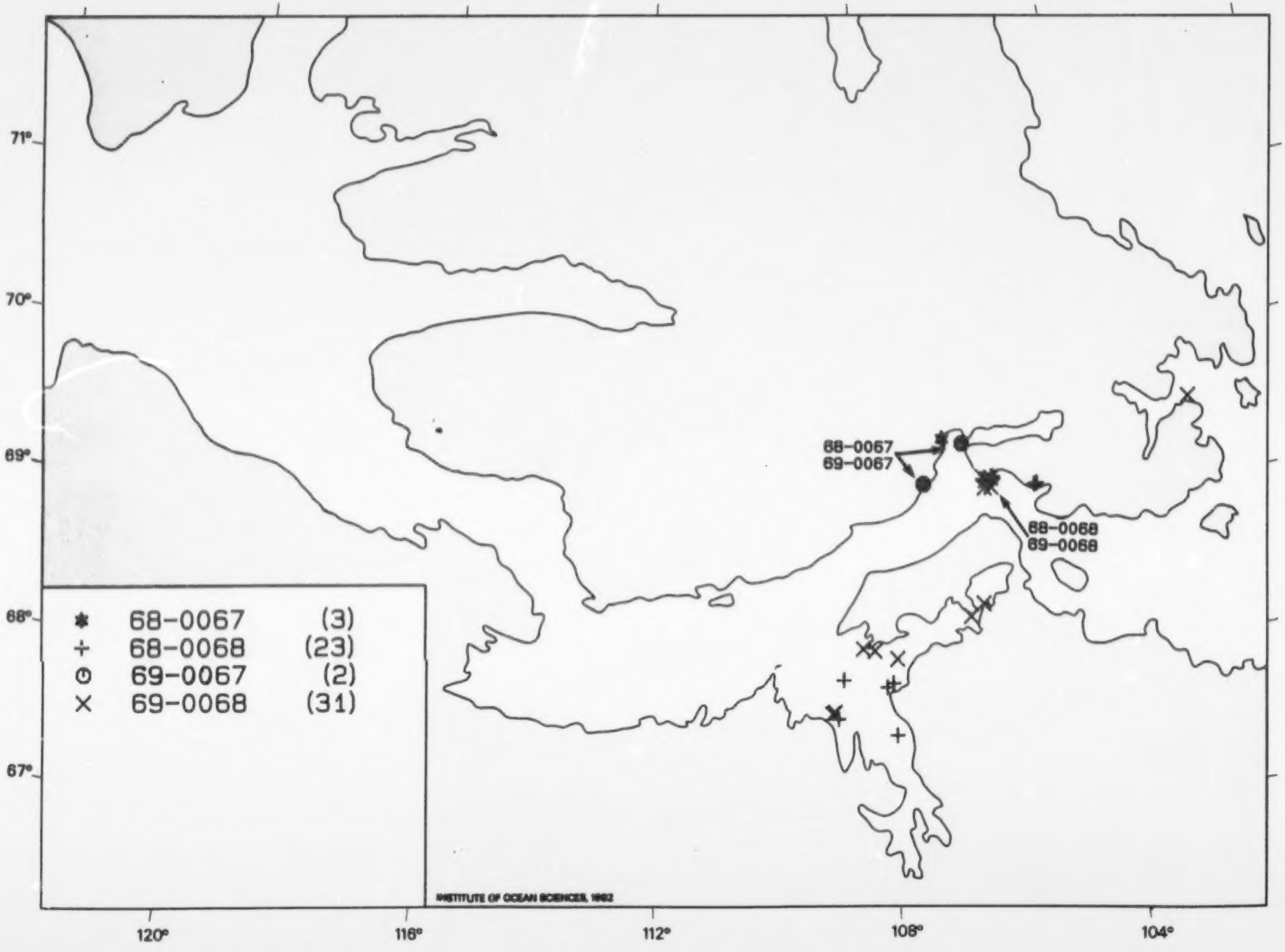
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104°
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69-0068
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+ 68-0068 (23)
ʘ 69-0067 (2)
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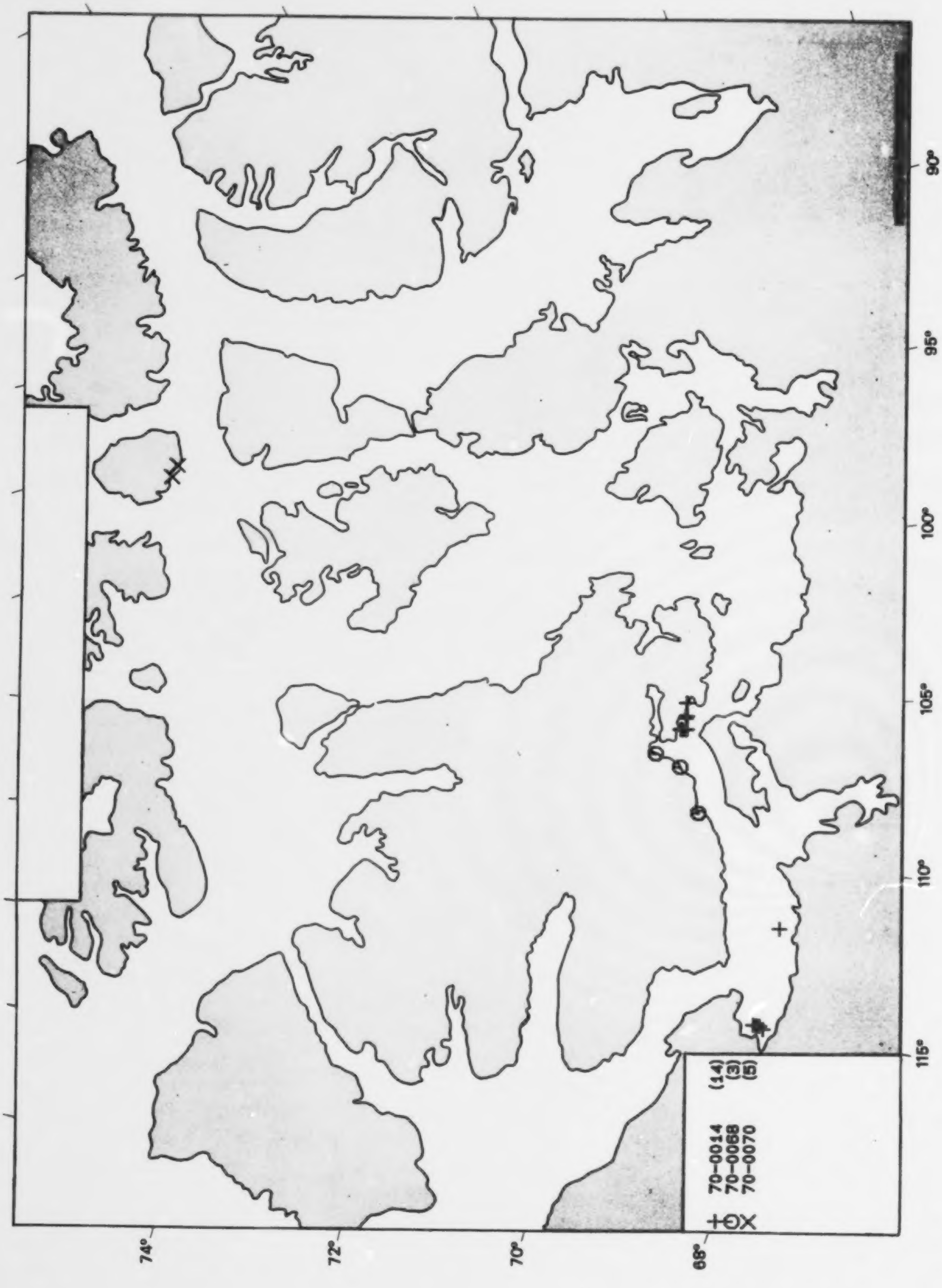
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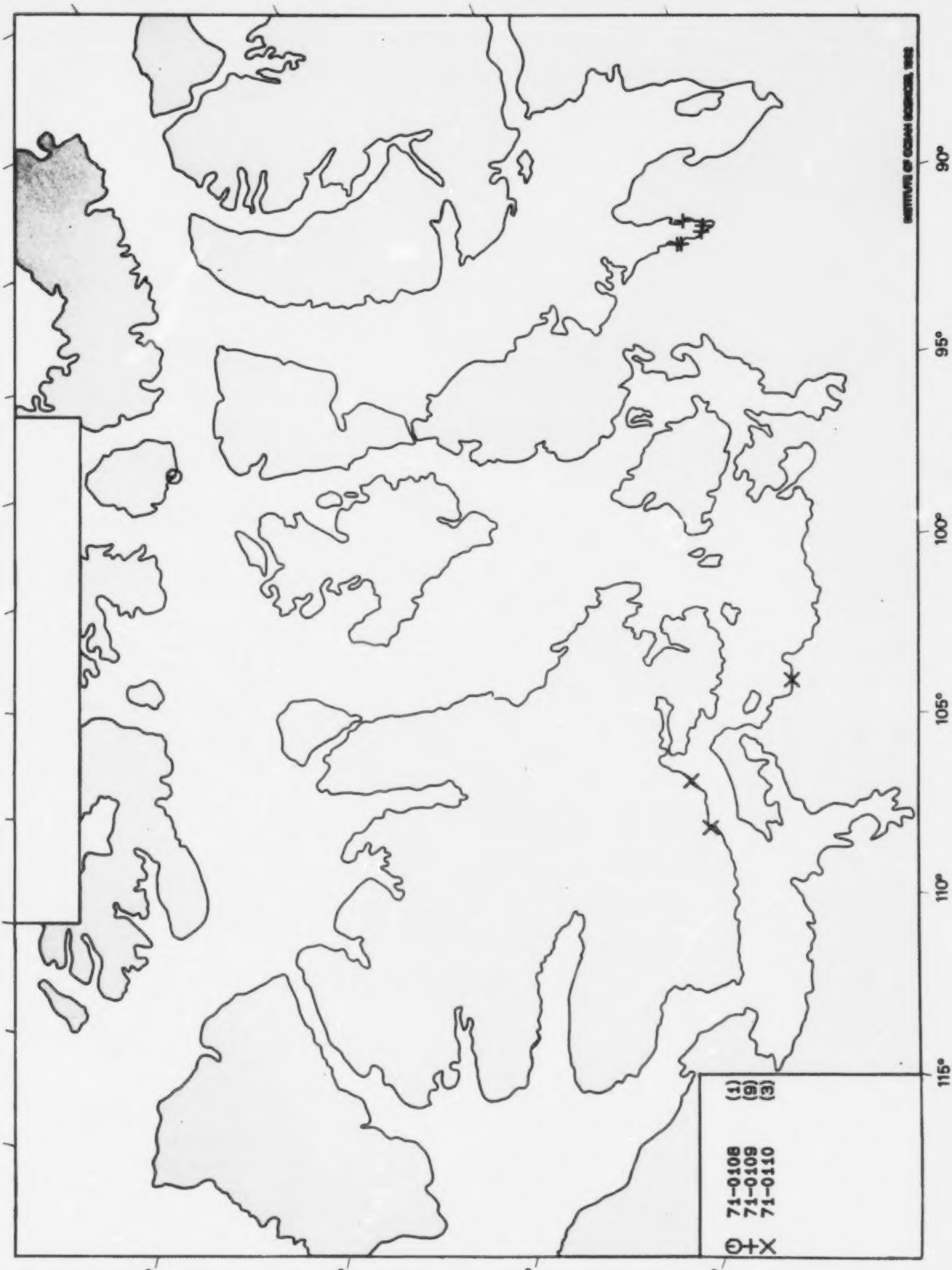
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68°
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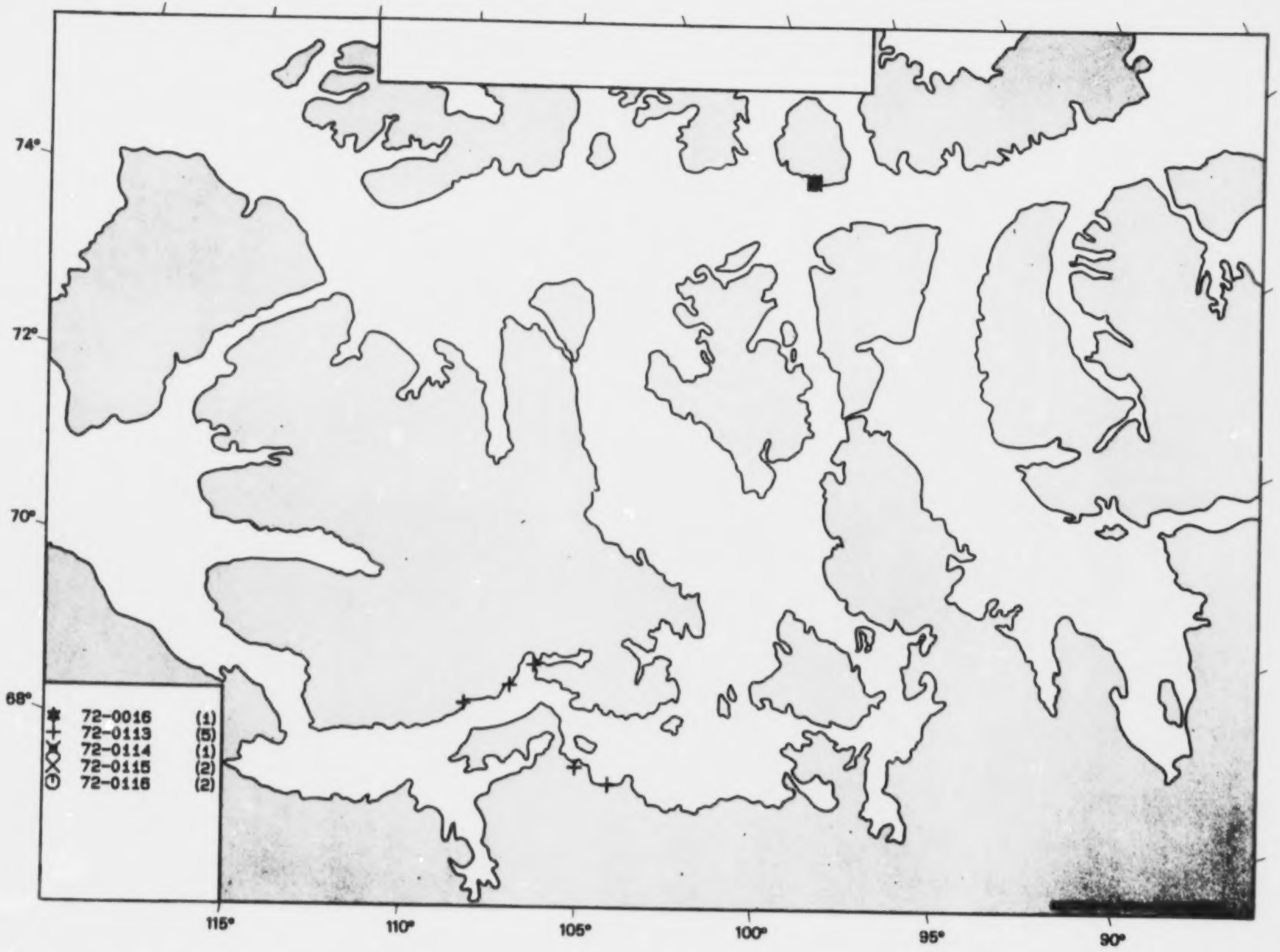
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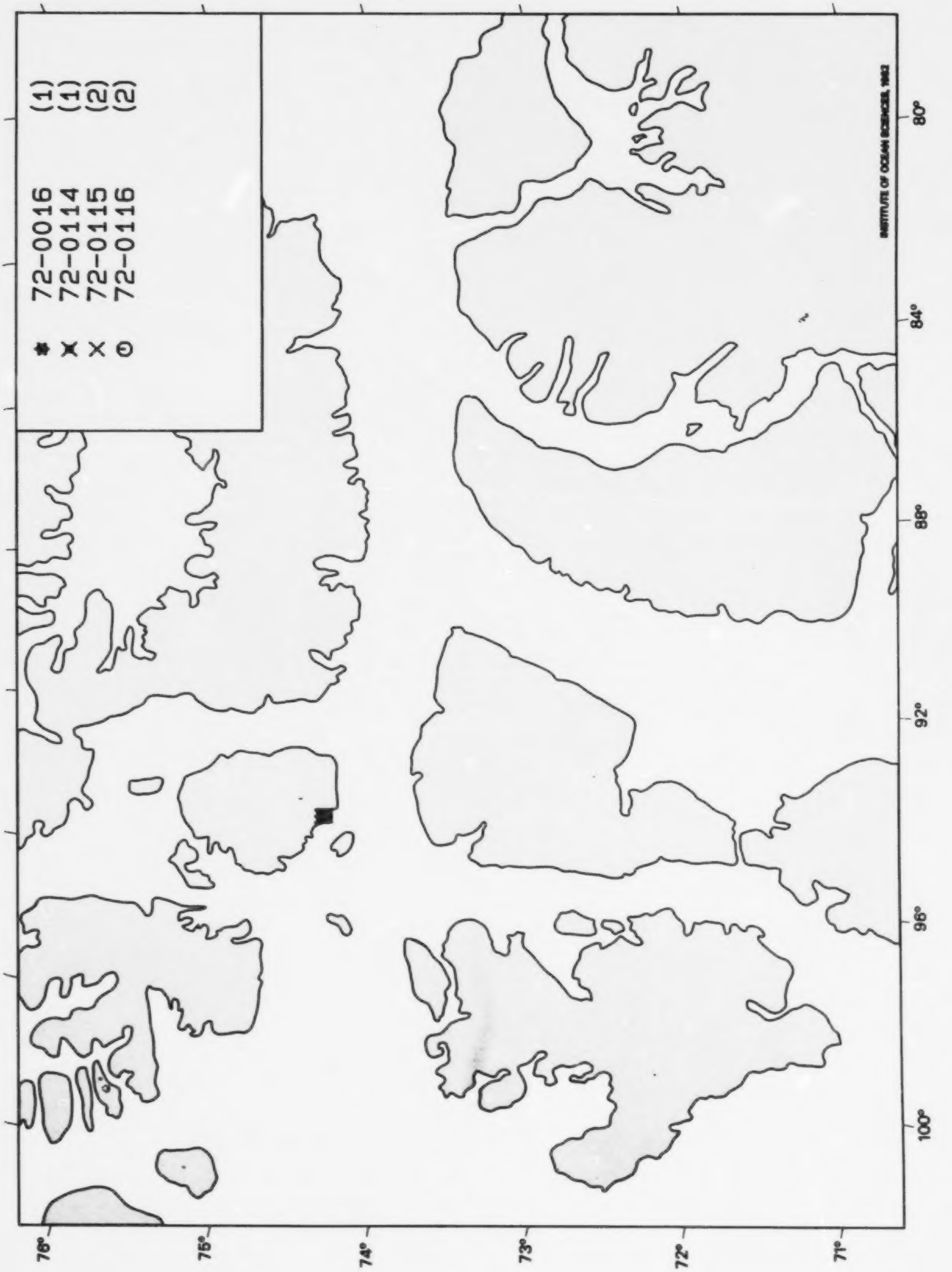
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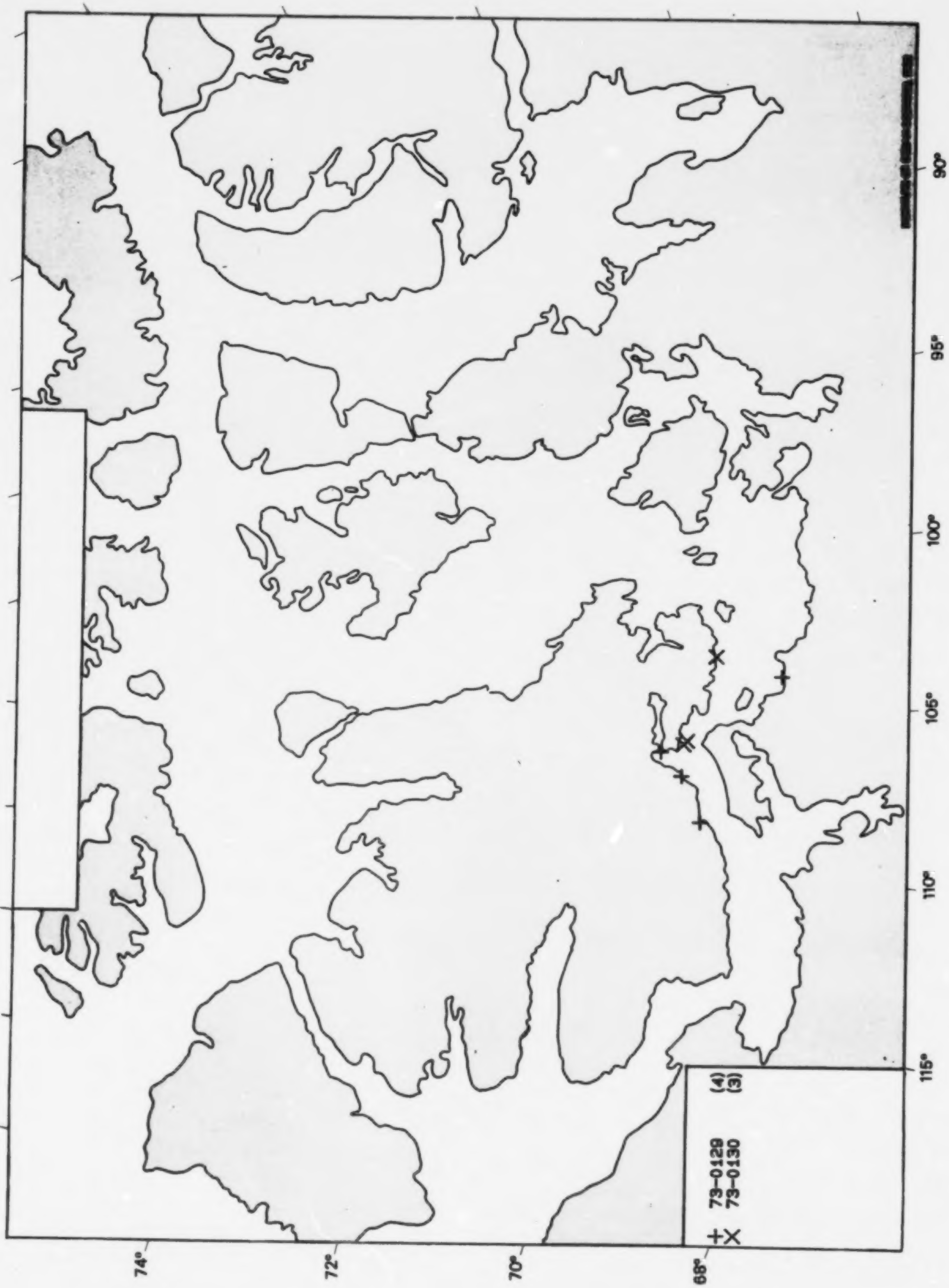
INSTITUTE OF OCEAN SCIENCES, 1982



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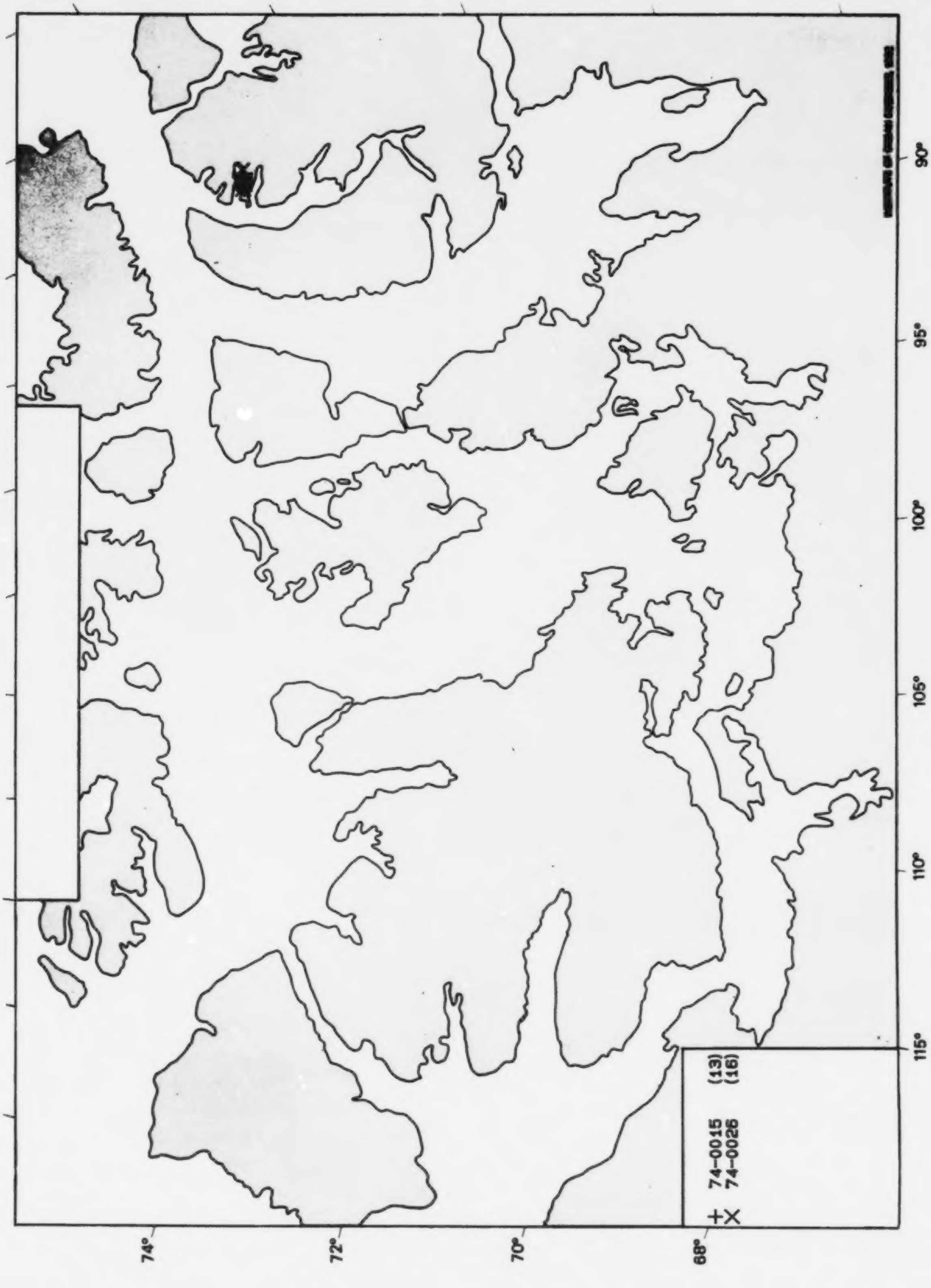
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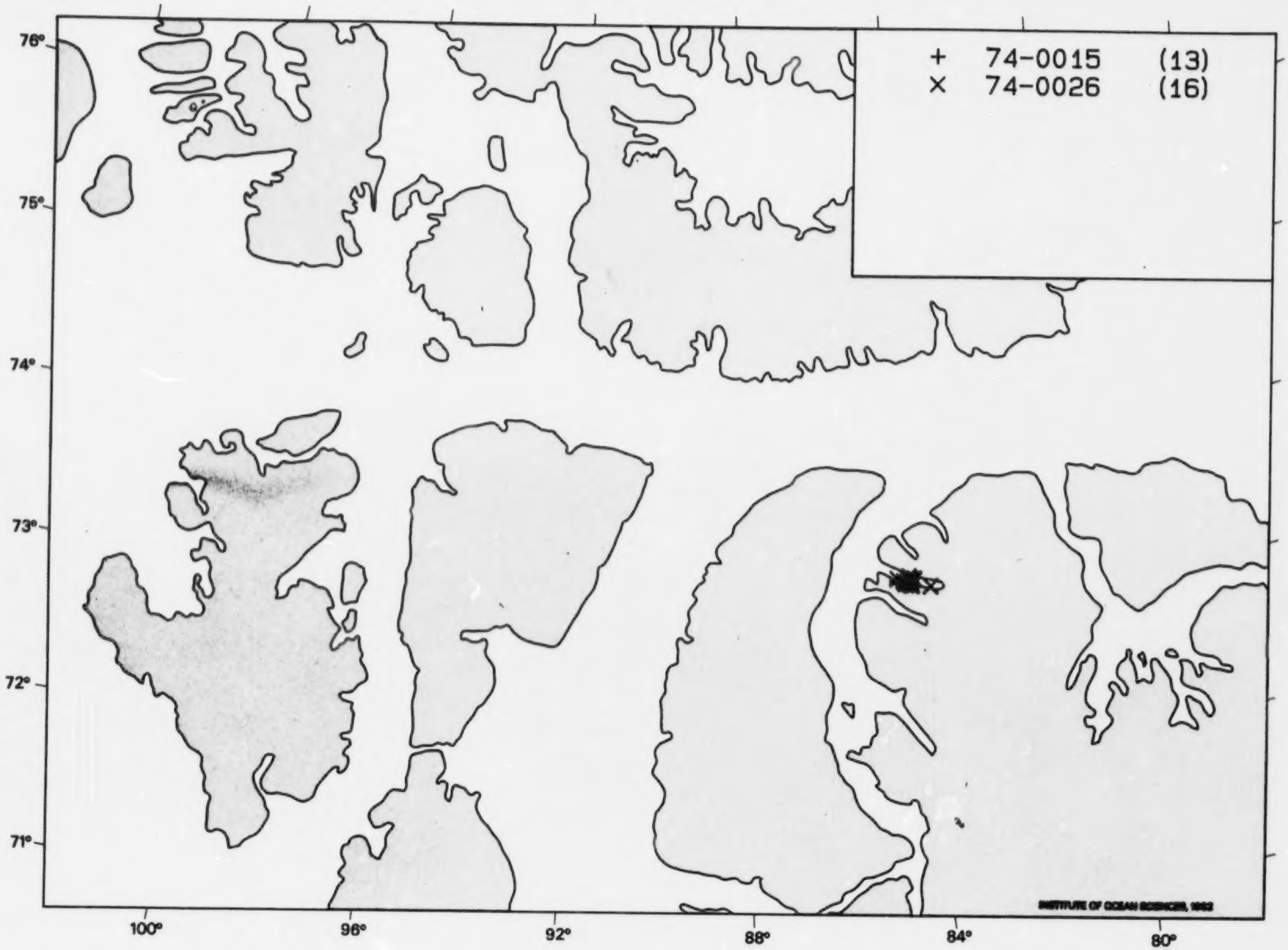
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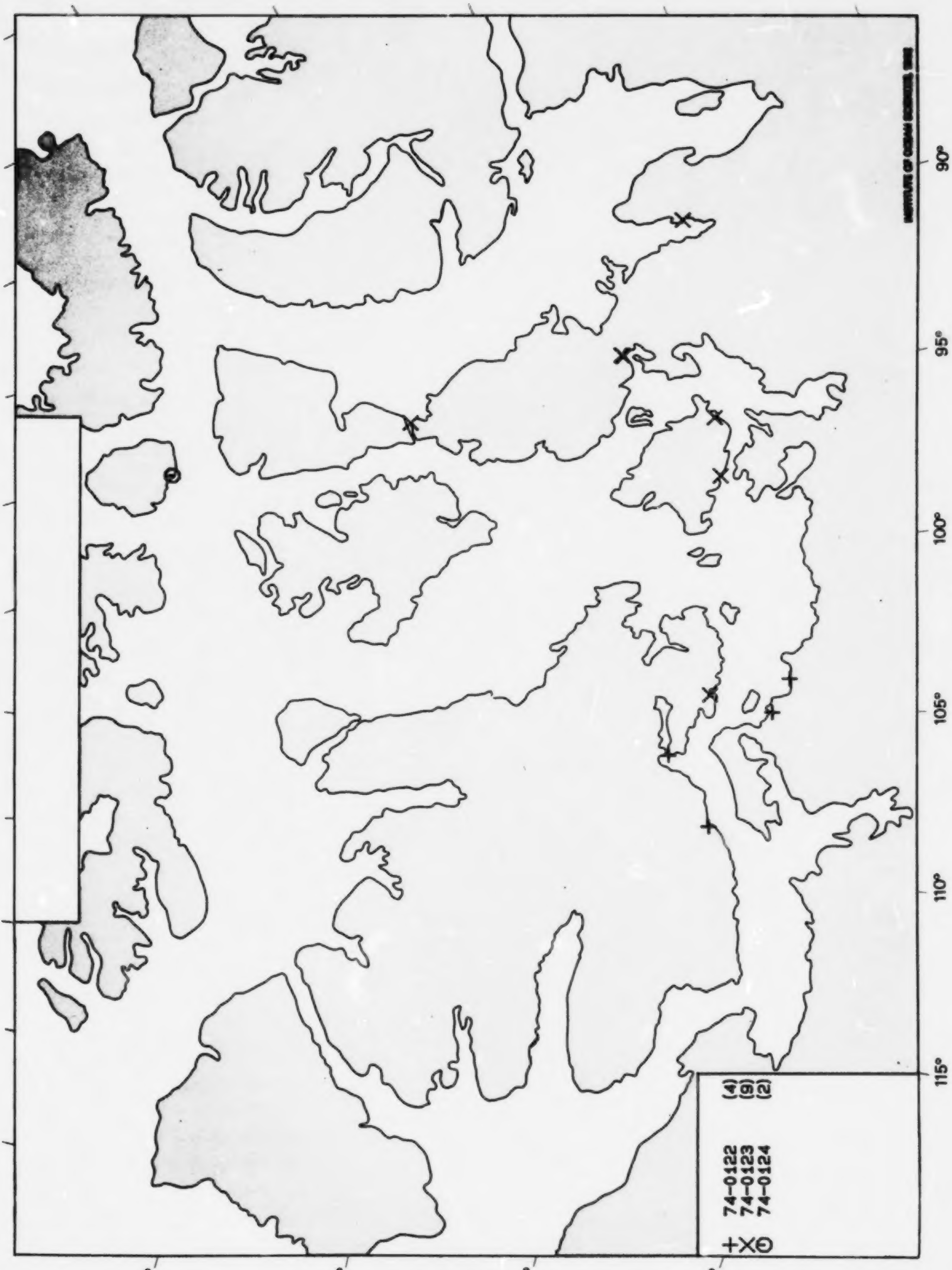
INSTITUTE OF OCEAN SCIENCES, 1982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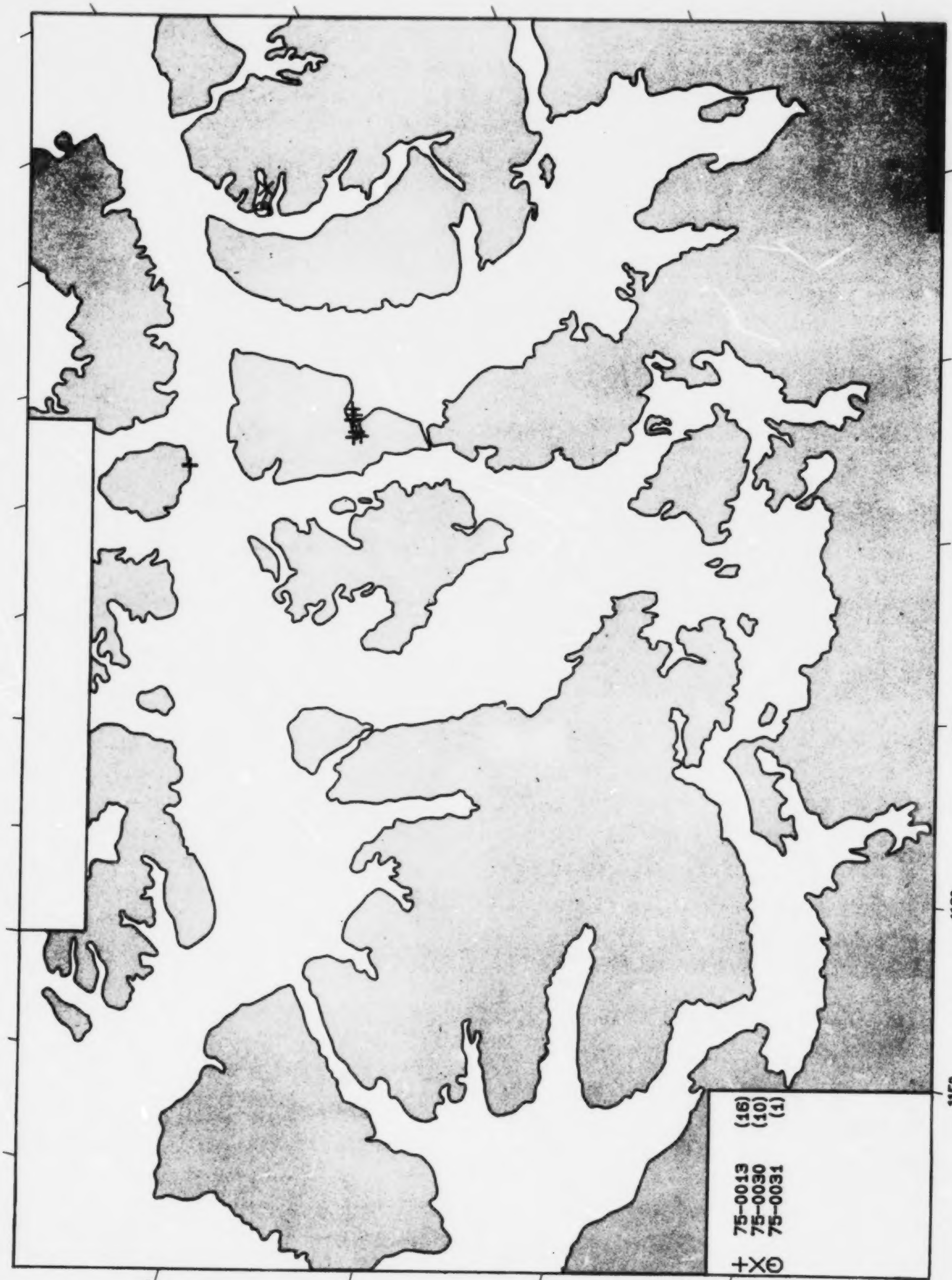
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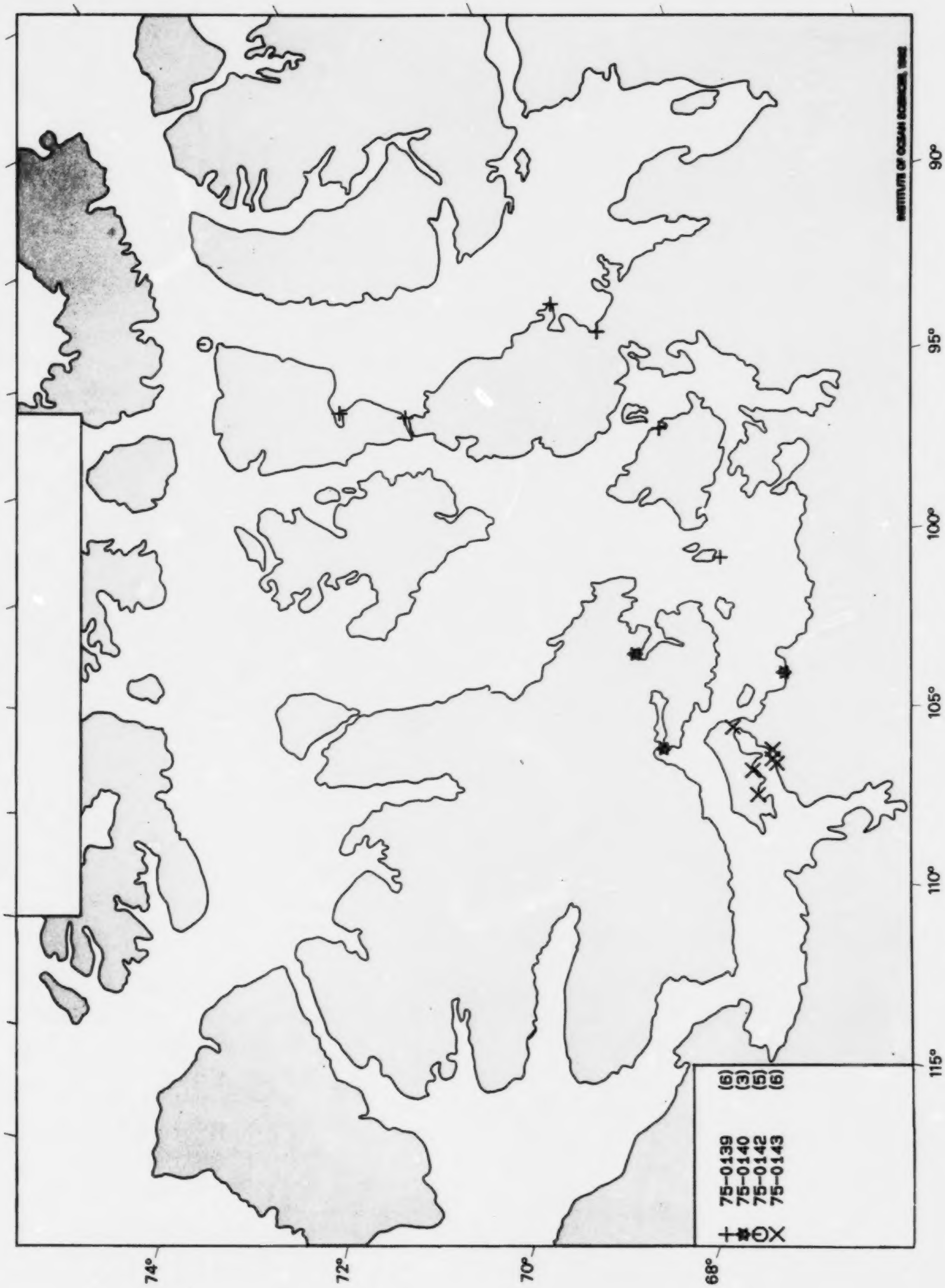

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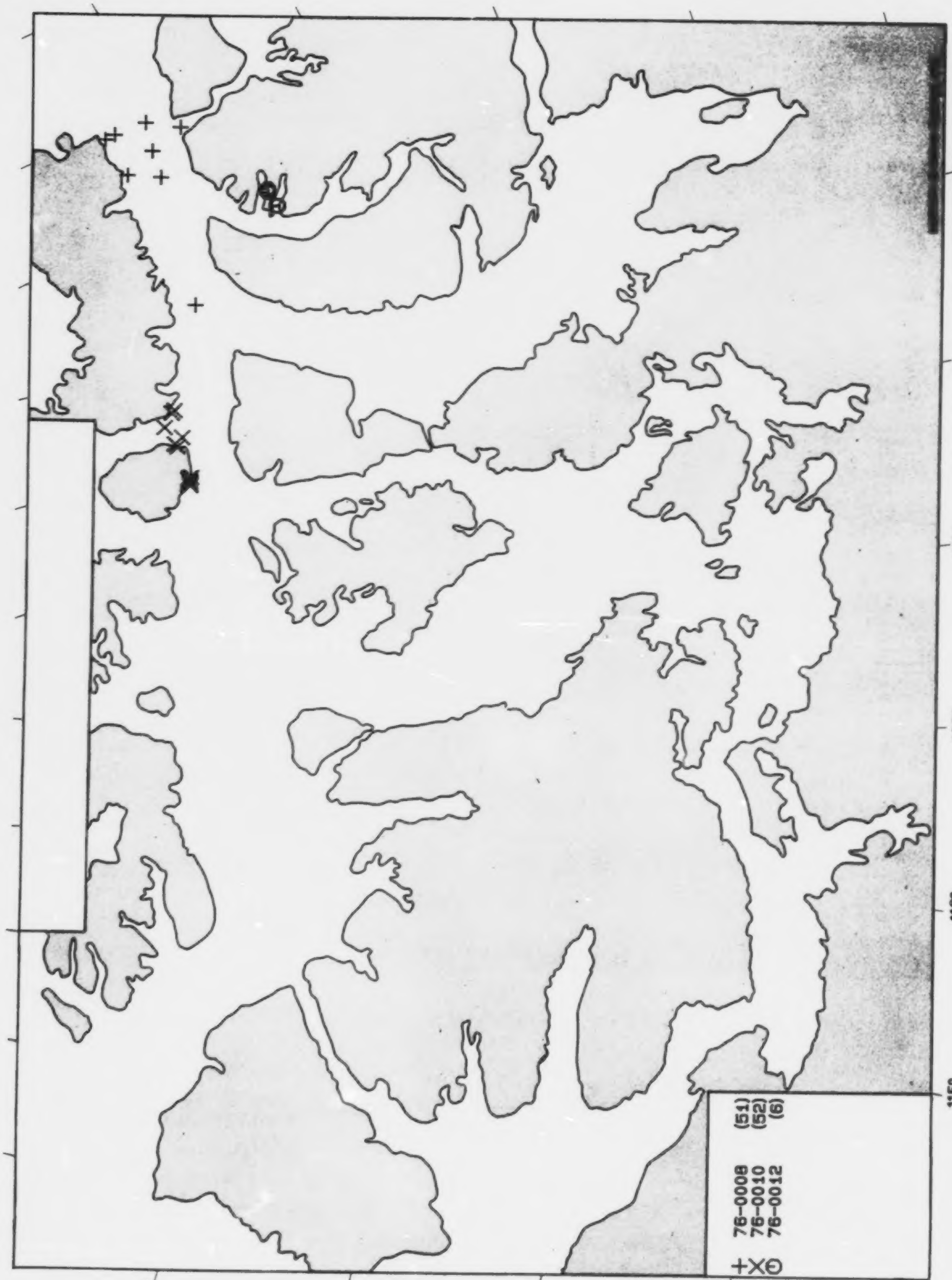
INSTITUTE OF OCEAN SCIENCES, 1982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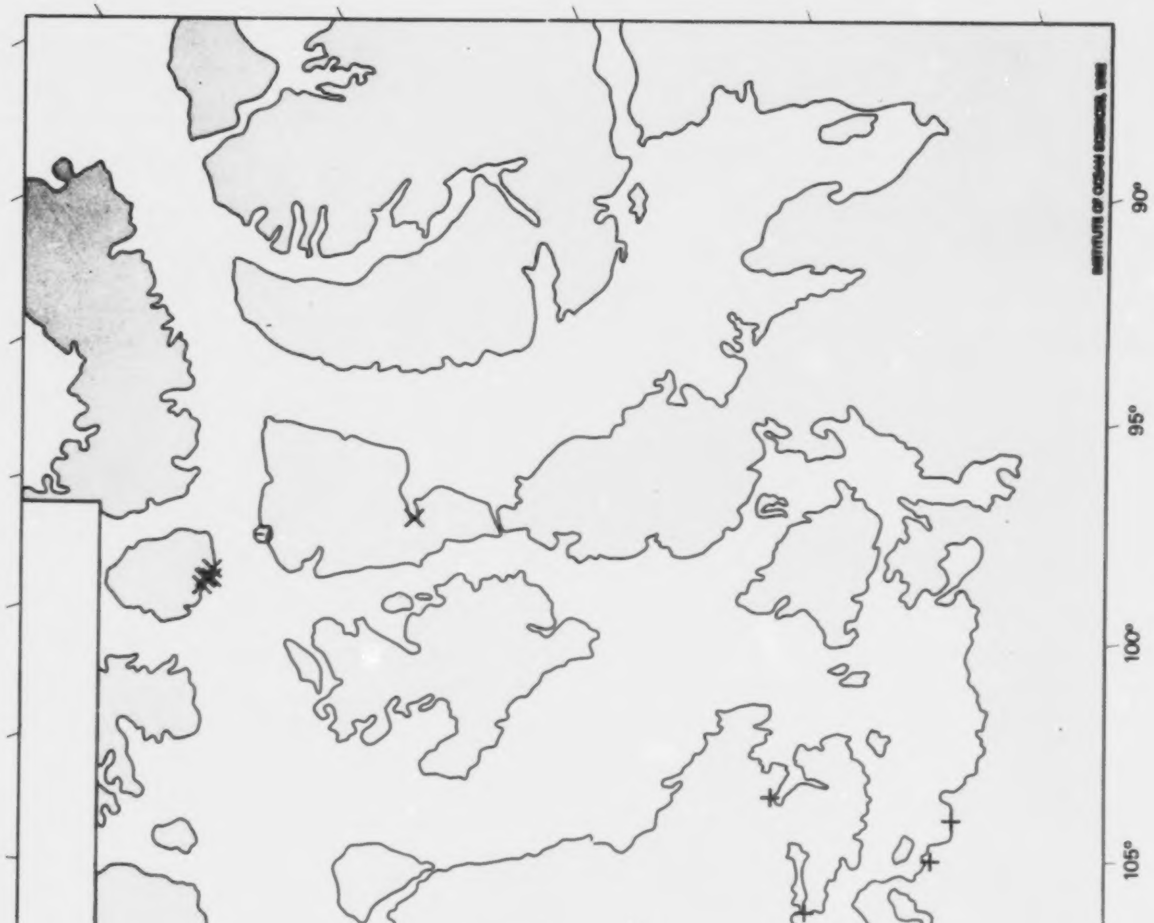
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O 76-0118 (1)
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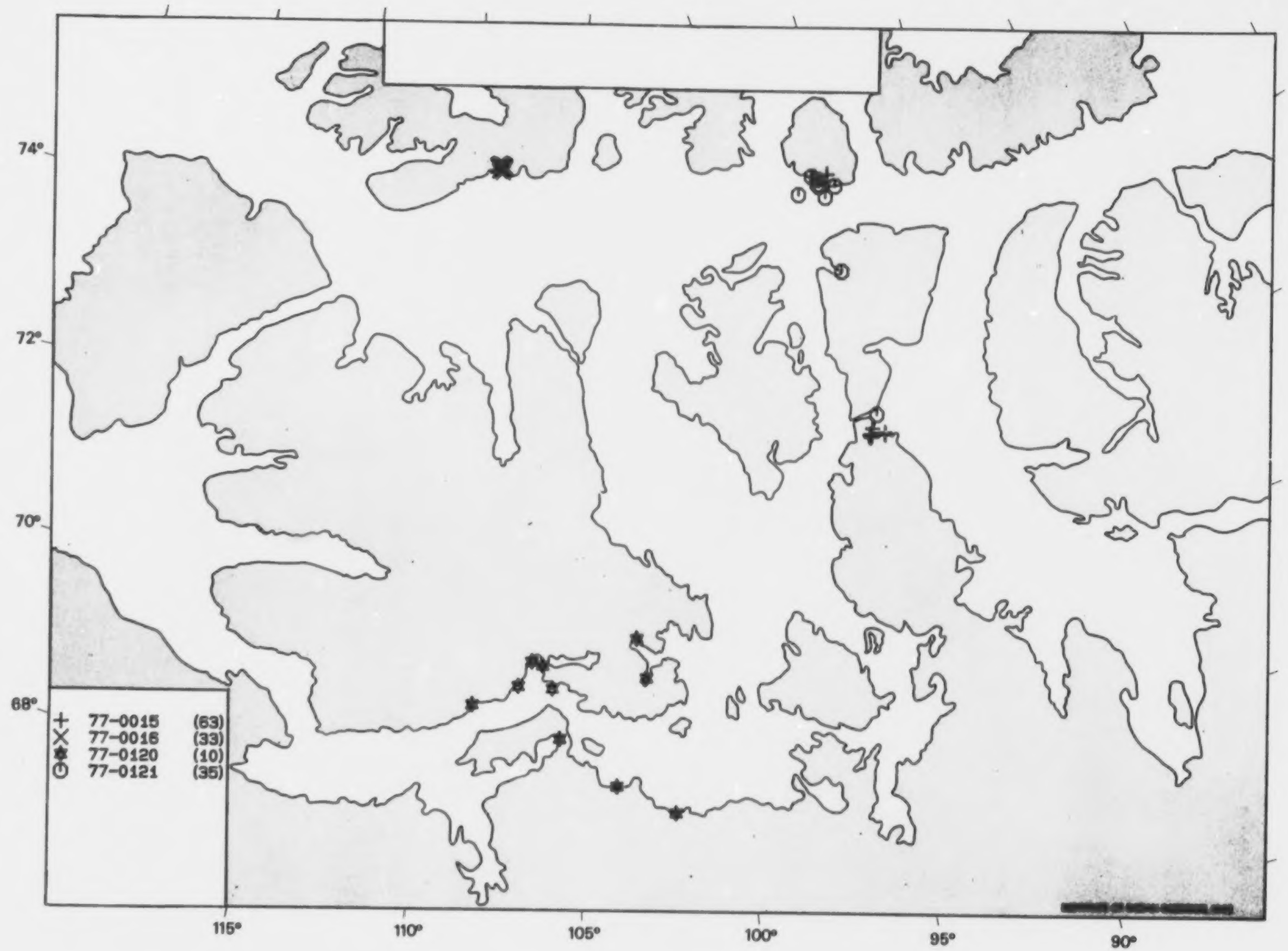
INSTITUTE OF OCEAN SCIENCES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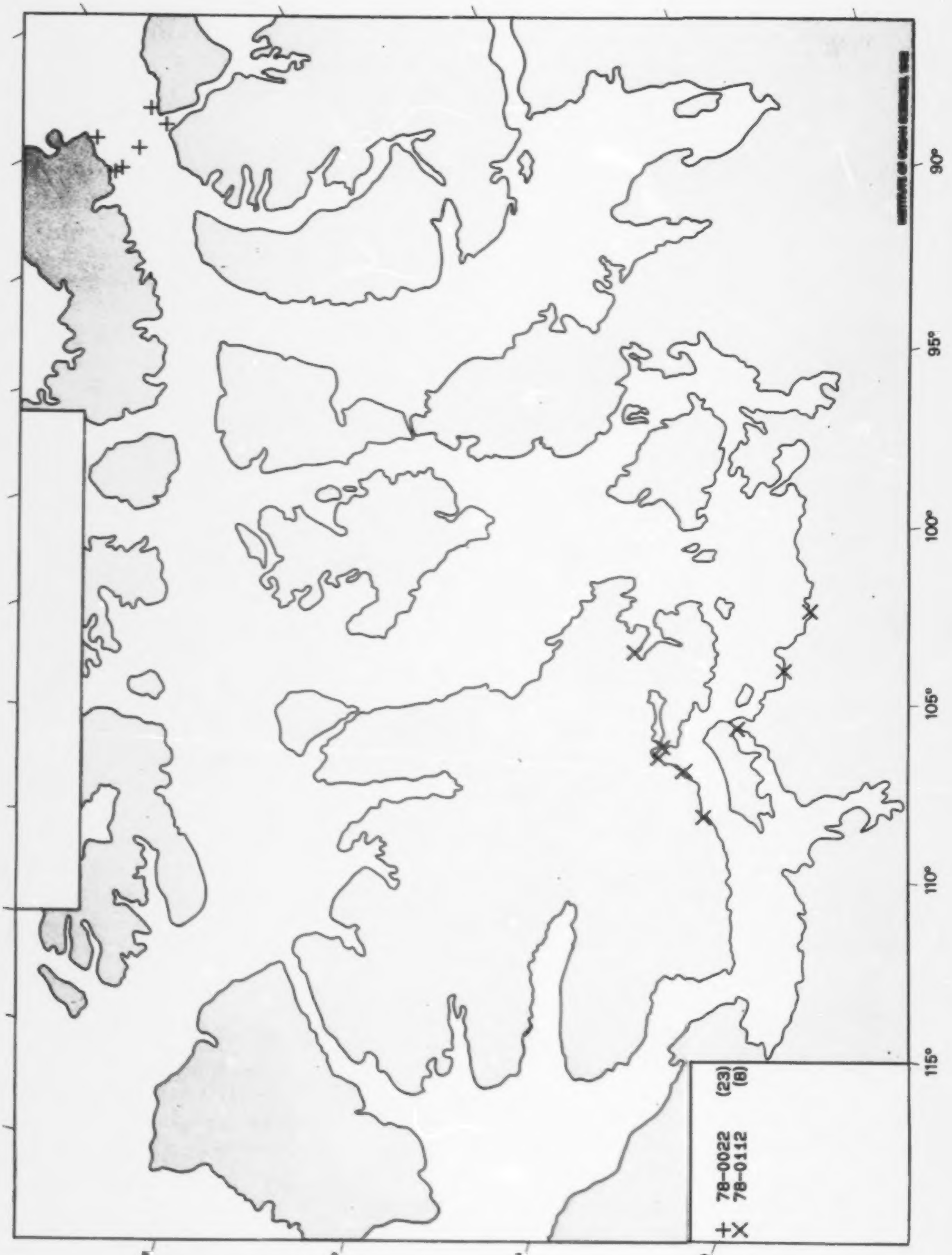
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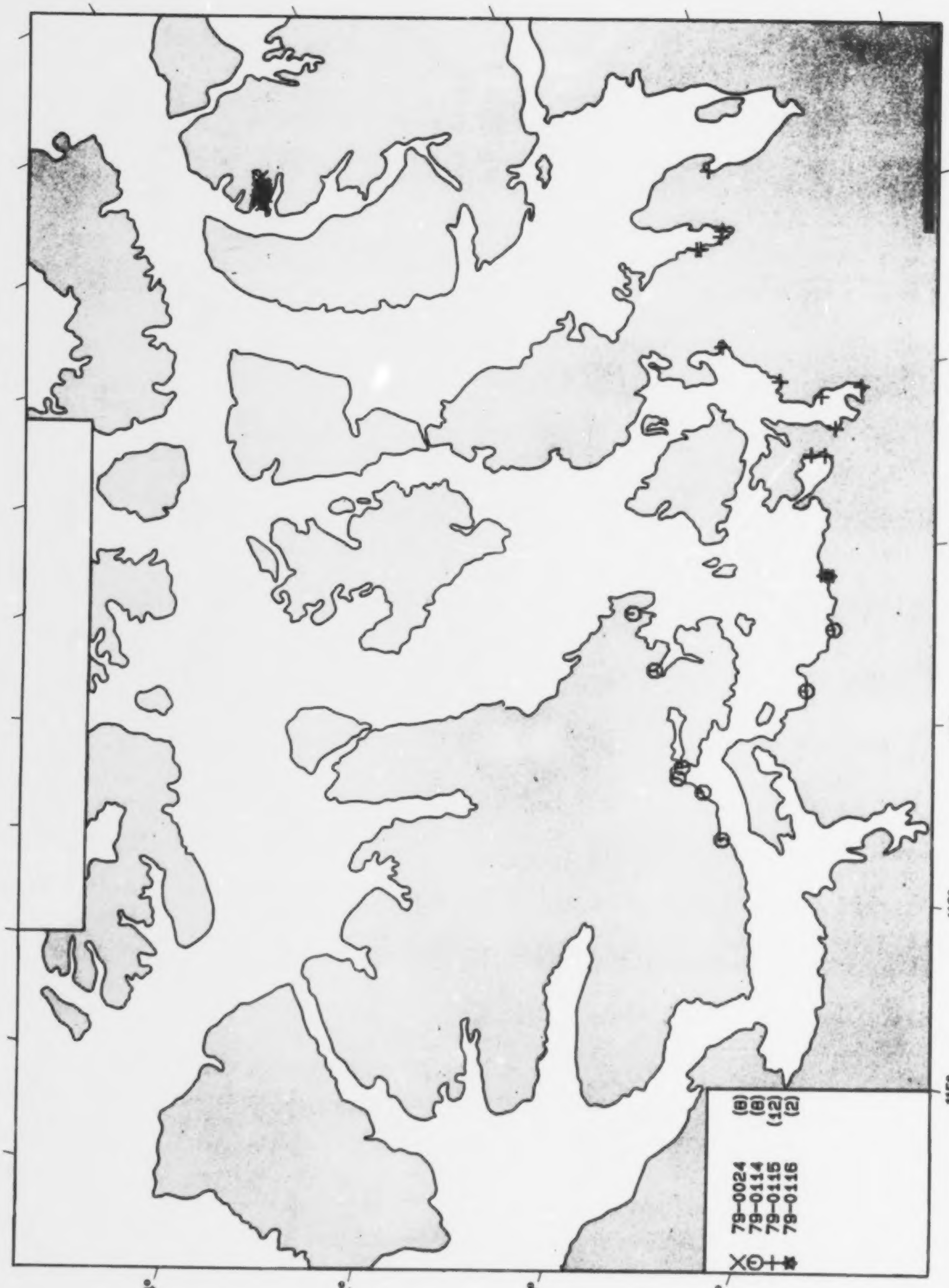
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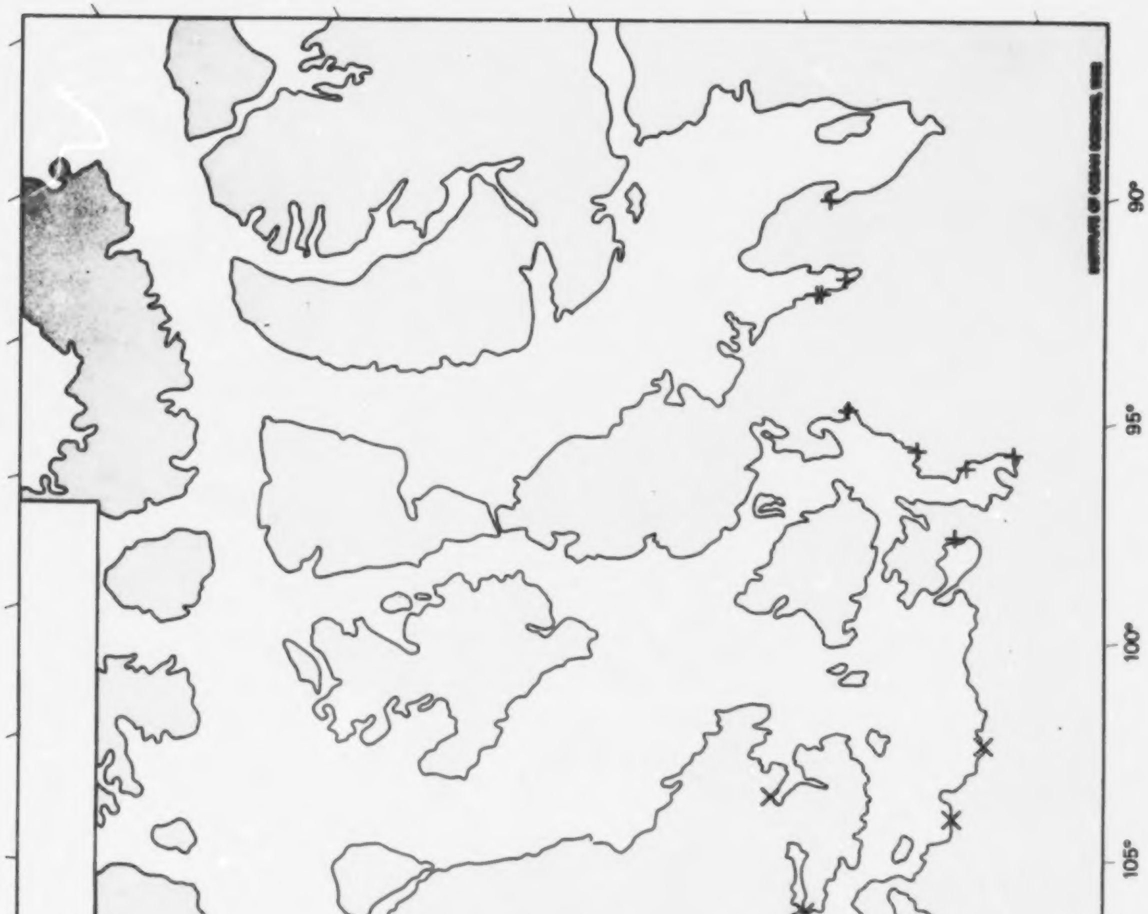
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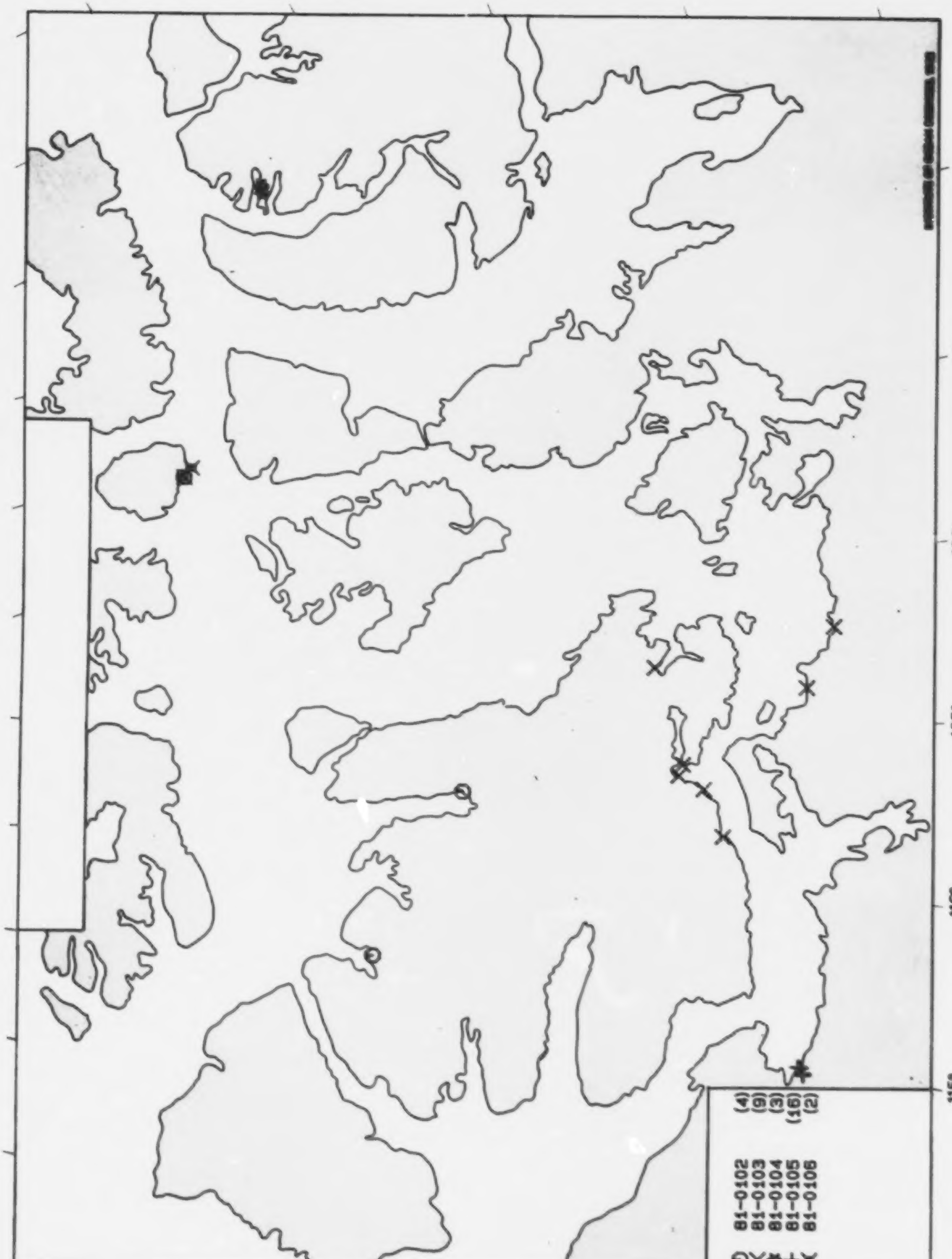
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+ 81-0105 (16)
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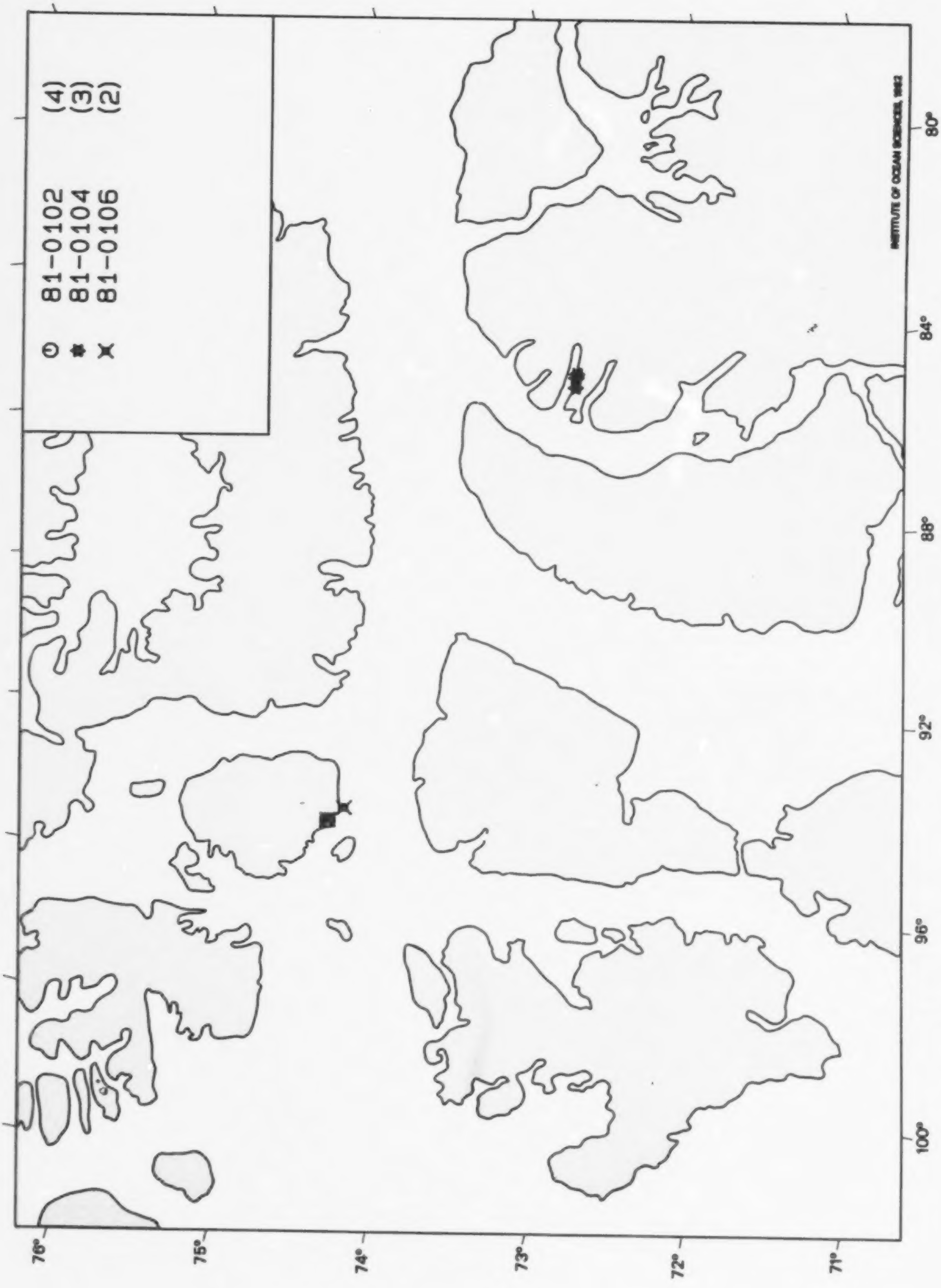
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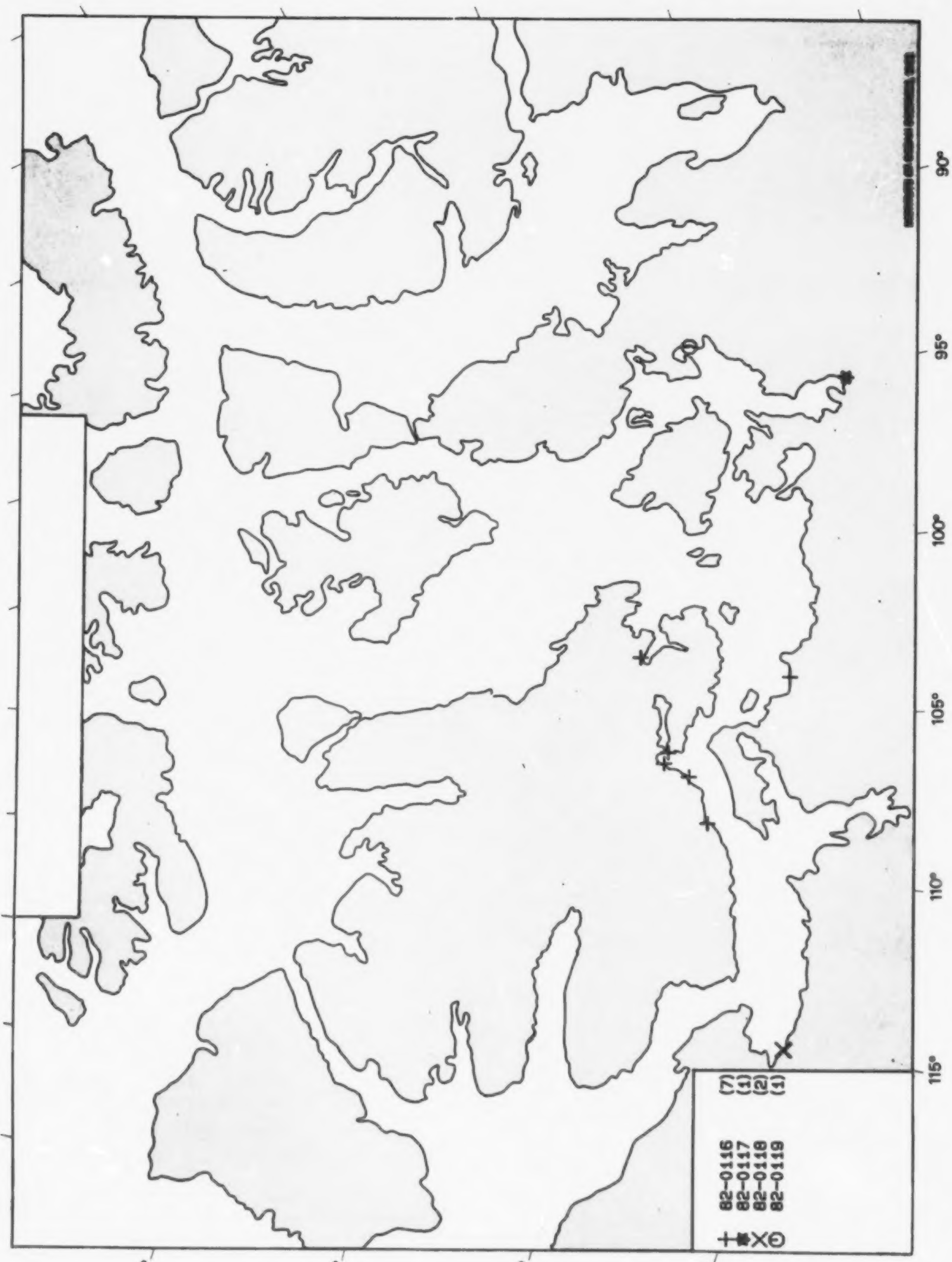
INSTITUTE OF OCEAN SCIENCES, 1982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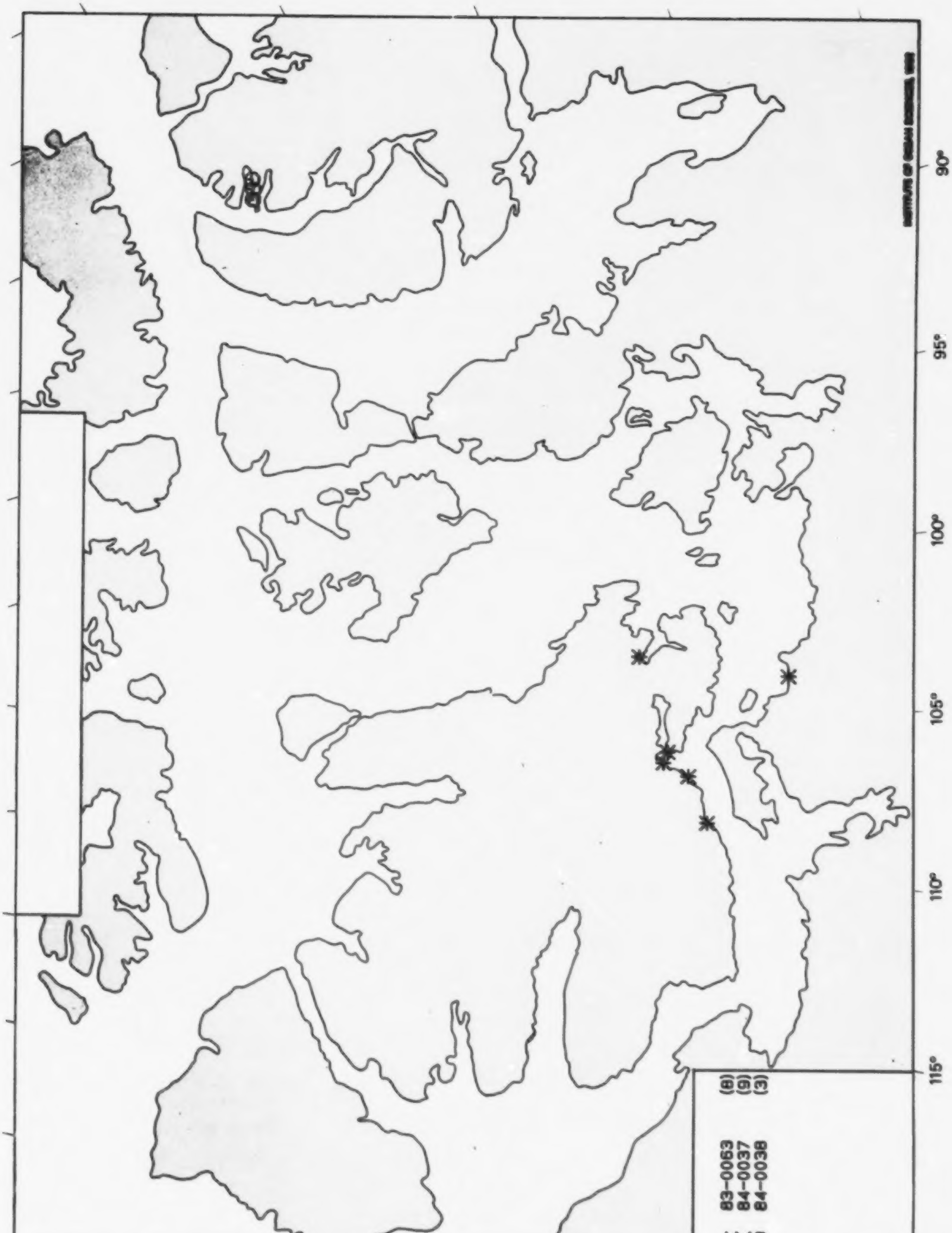
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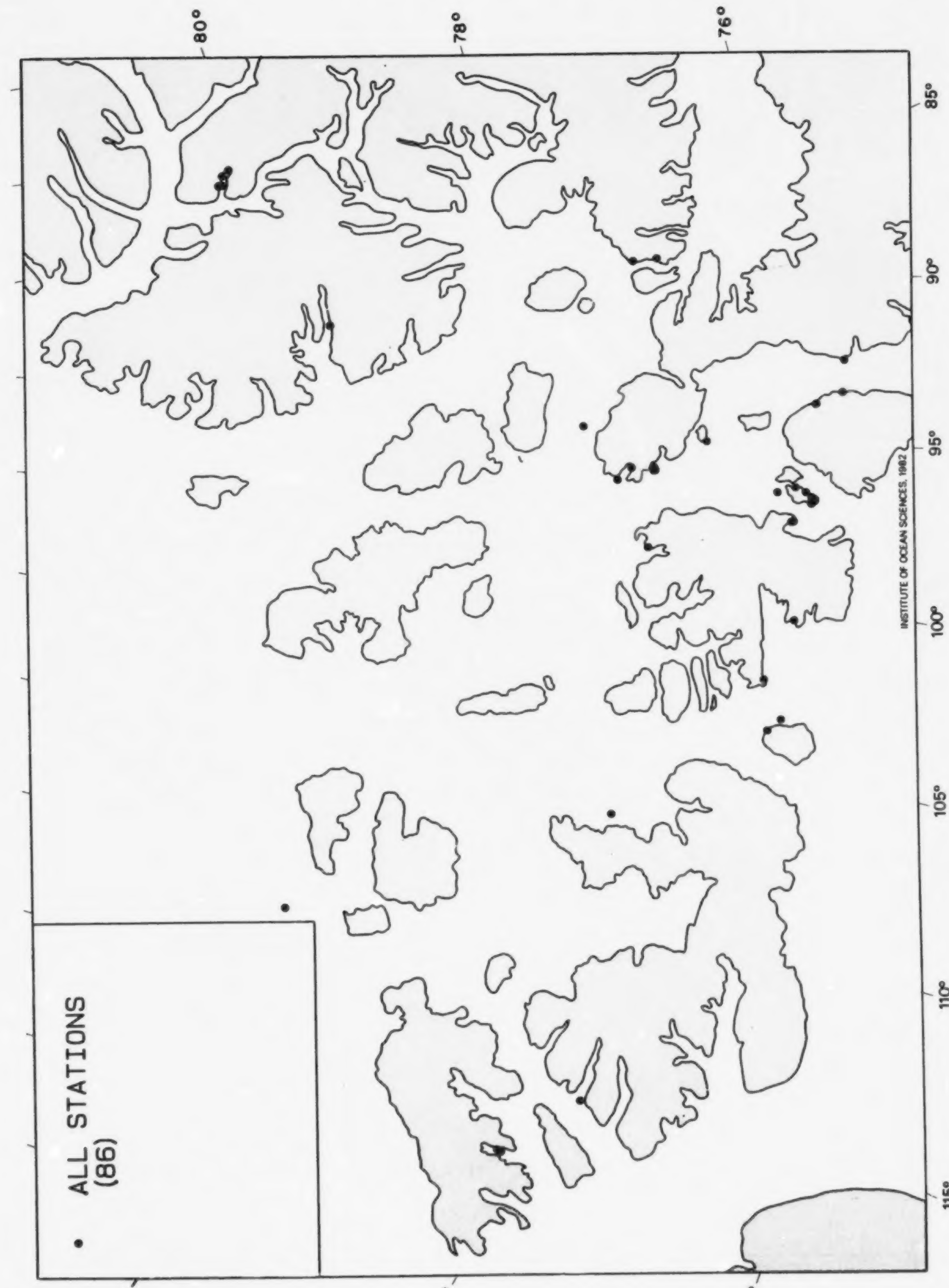
Maps

Queen Elizabeth Islands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85°
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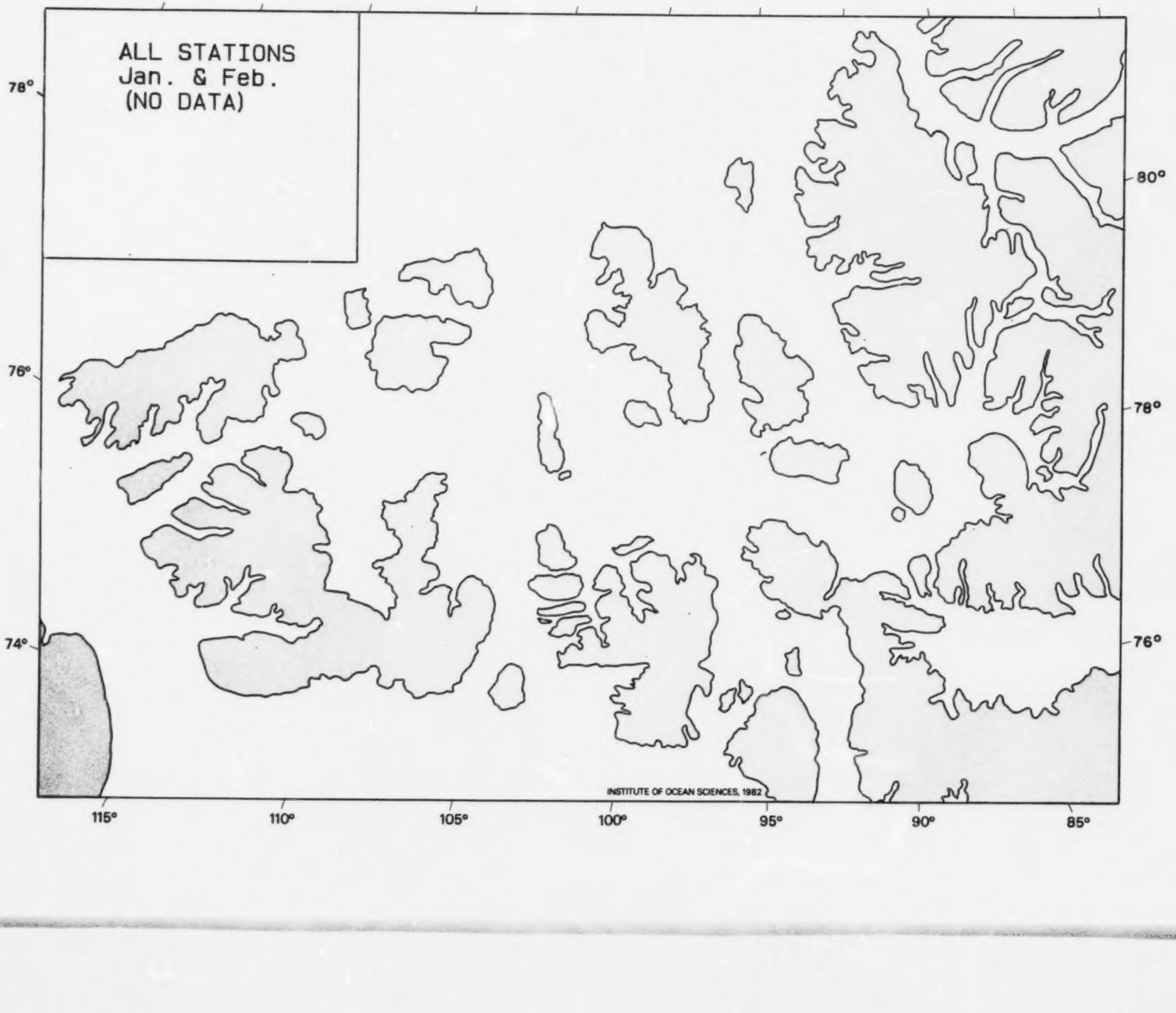
76°
74°
• ALL STATIONS
(86)
INSTITUTE OF OCEAN SCIENCES, 1982


ALL STATIONS
Jan. & Feb.
(NO DATA)
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76°
74°
80°
78°
76°
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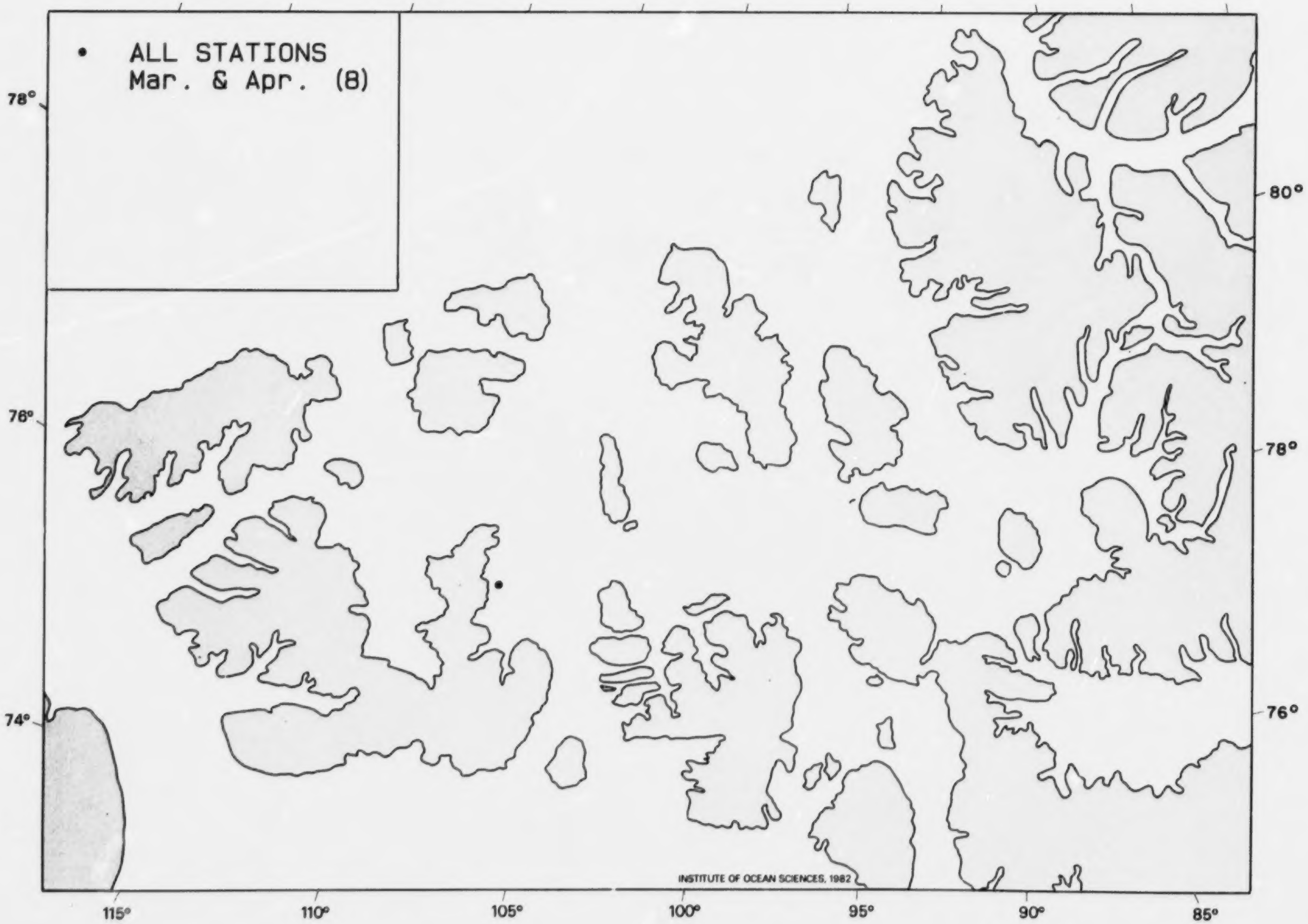
110°
105°
100°
95°
90°
85°
INSTITUTE OF OCEAN SCIENCES, 1982


• ALL STATIONS
Mar. & Apr. (8)
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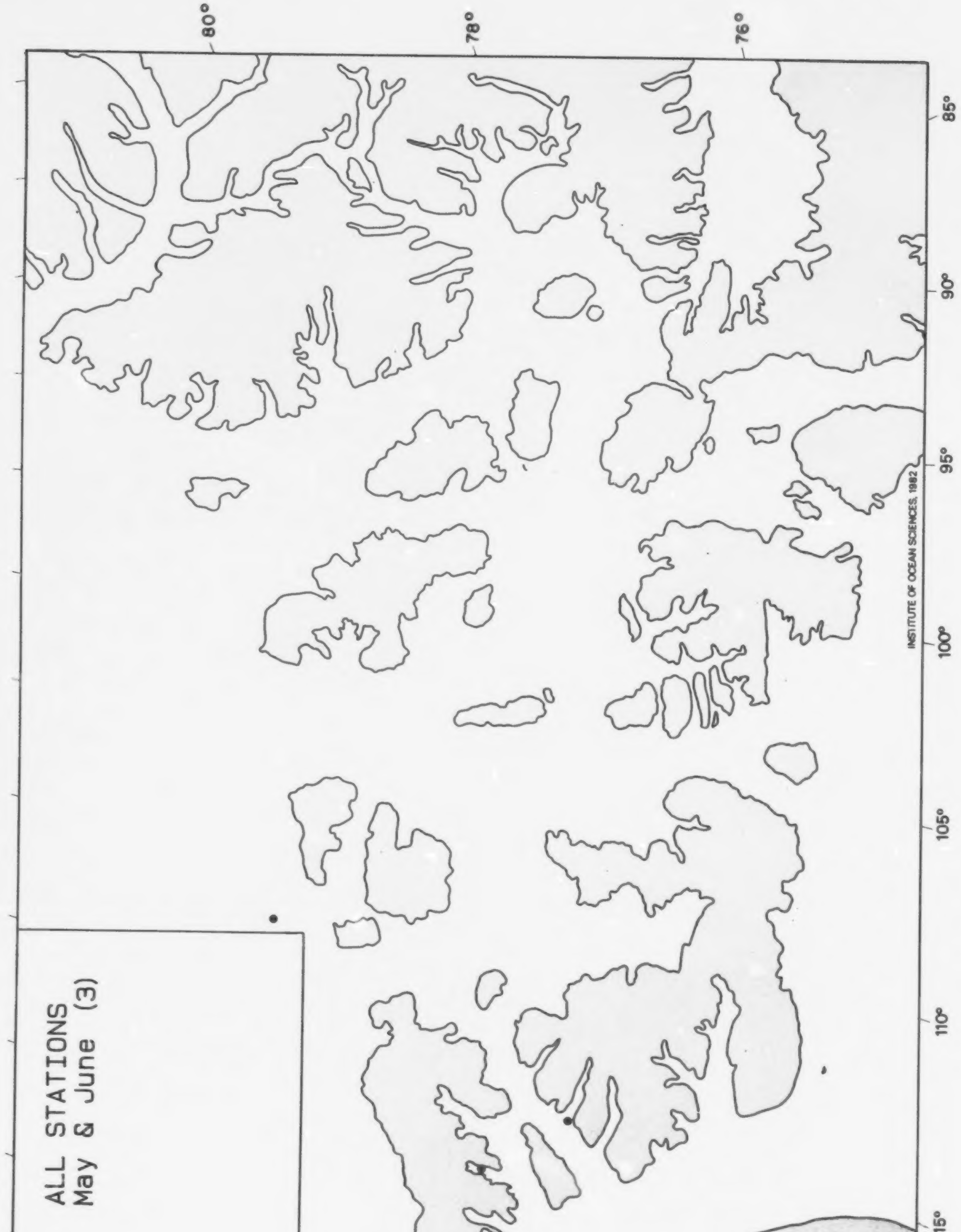
76°
74°
80°
78°
76°
115°
110°
105°
100°
95°
90°
85°
INSTITUTE OF OCEAN SCIENCES, 1982


• ALL STATIONS
May & June (3)
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78°
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100°
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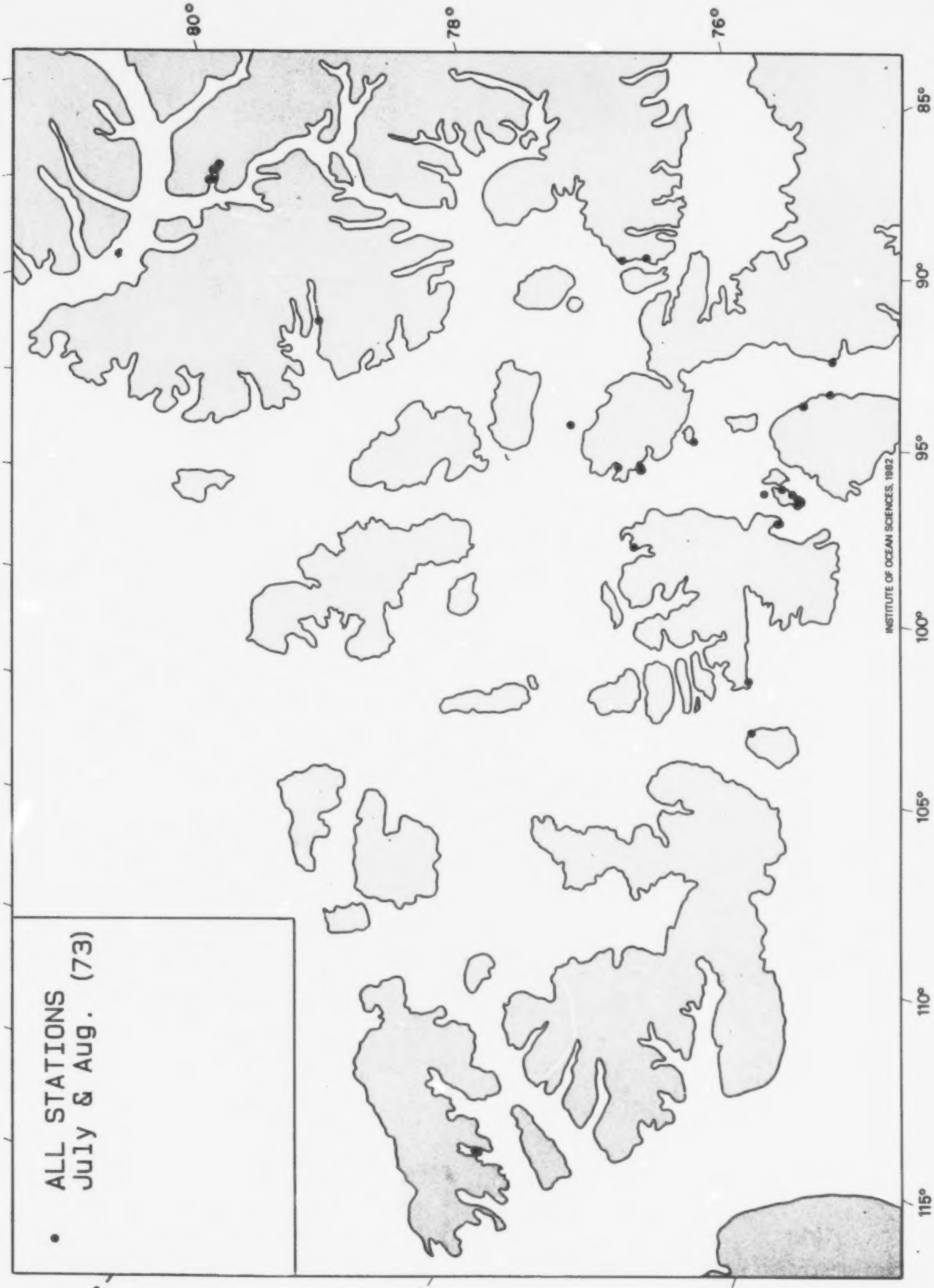
110°
115°
INSTITUTE OF OCEAN SCIENCES, 1982


● ALL STATIONS
July & Aug. (73)
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76°
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76°
74°
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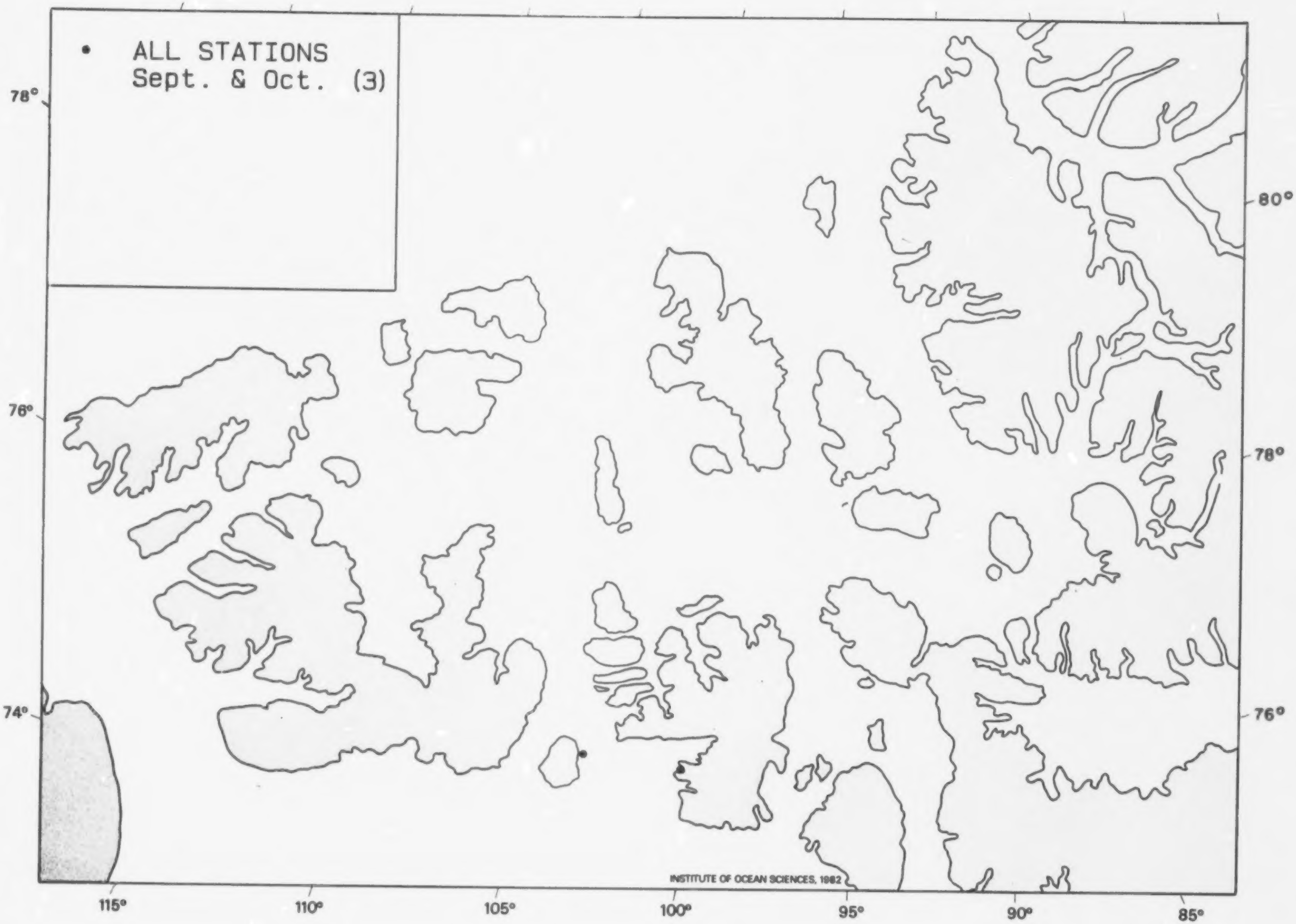
95°
100°
105°
110°
115°

INSTITUTE OF OCEAN SCIENCES, 1982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Sept. & Oct. (3)
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76°
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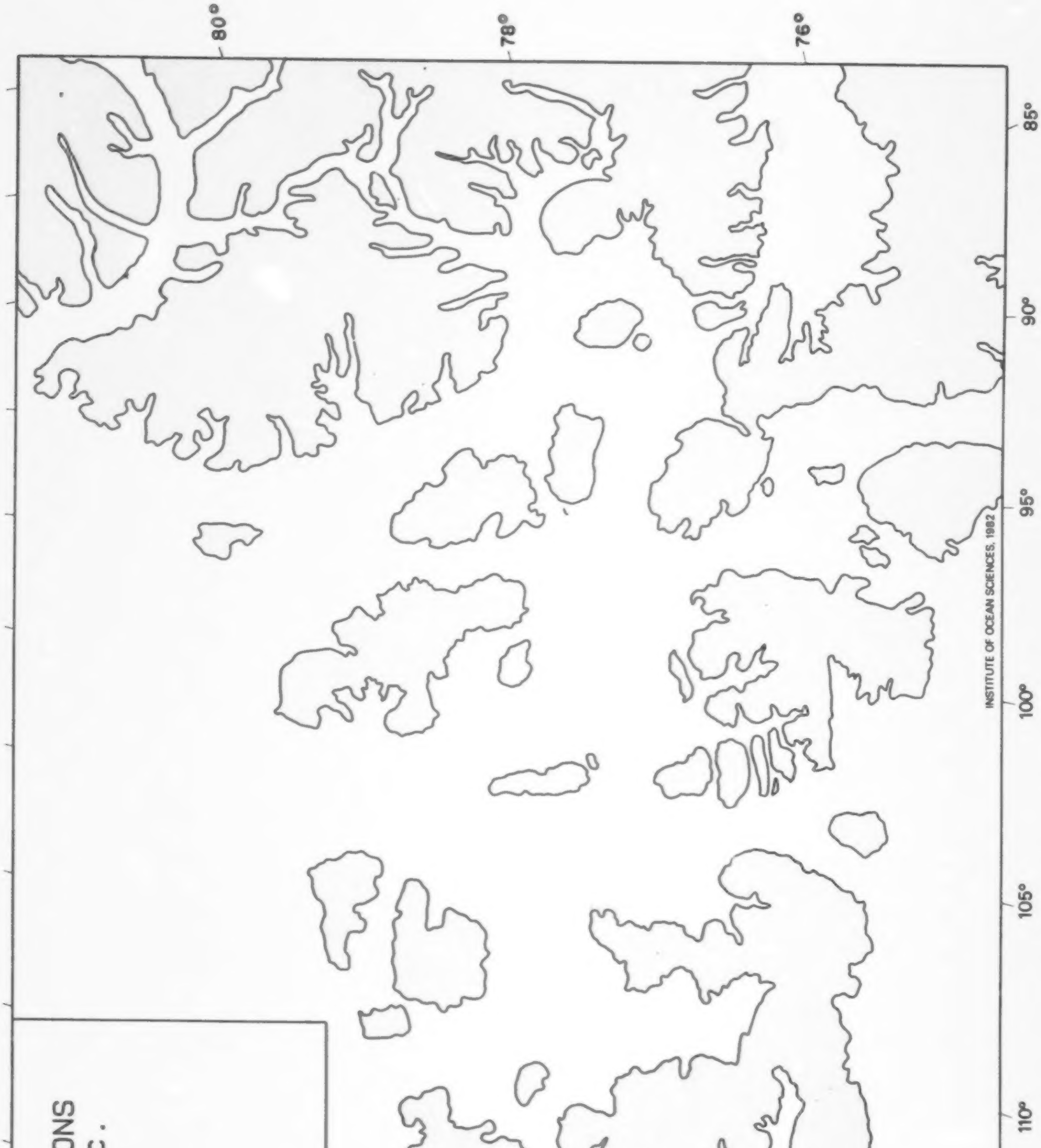
110°
105°
100°
95°
90°
85°
INSTITUTE OF OCEAN SCIENCES, 1982


ALL STATIONS
Nov. & Dec.
(NO DATA)
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90°
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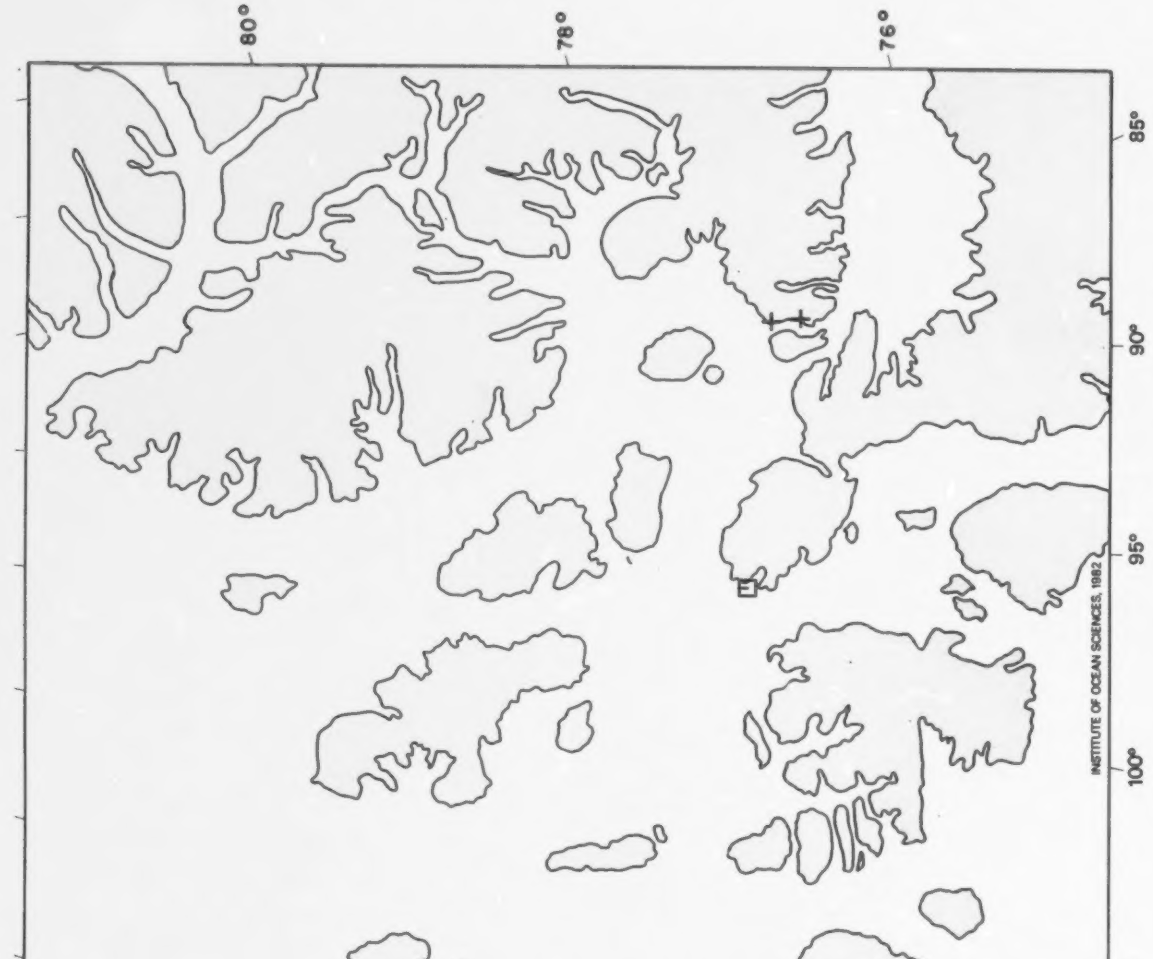
100°
105°
110°
115°

INSTITUTE OF OCEAN SCIENCES, 1982



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⊡ 1852-0001 (1)
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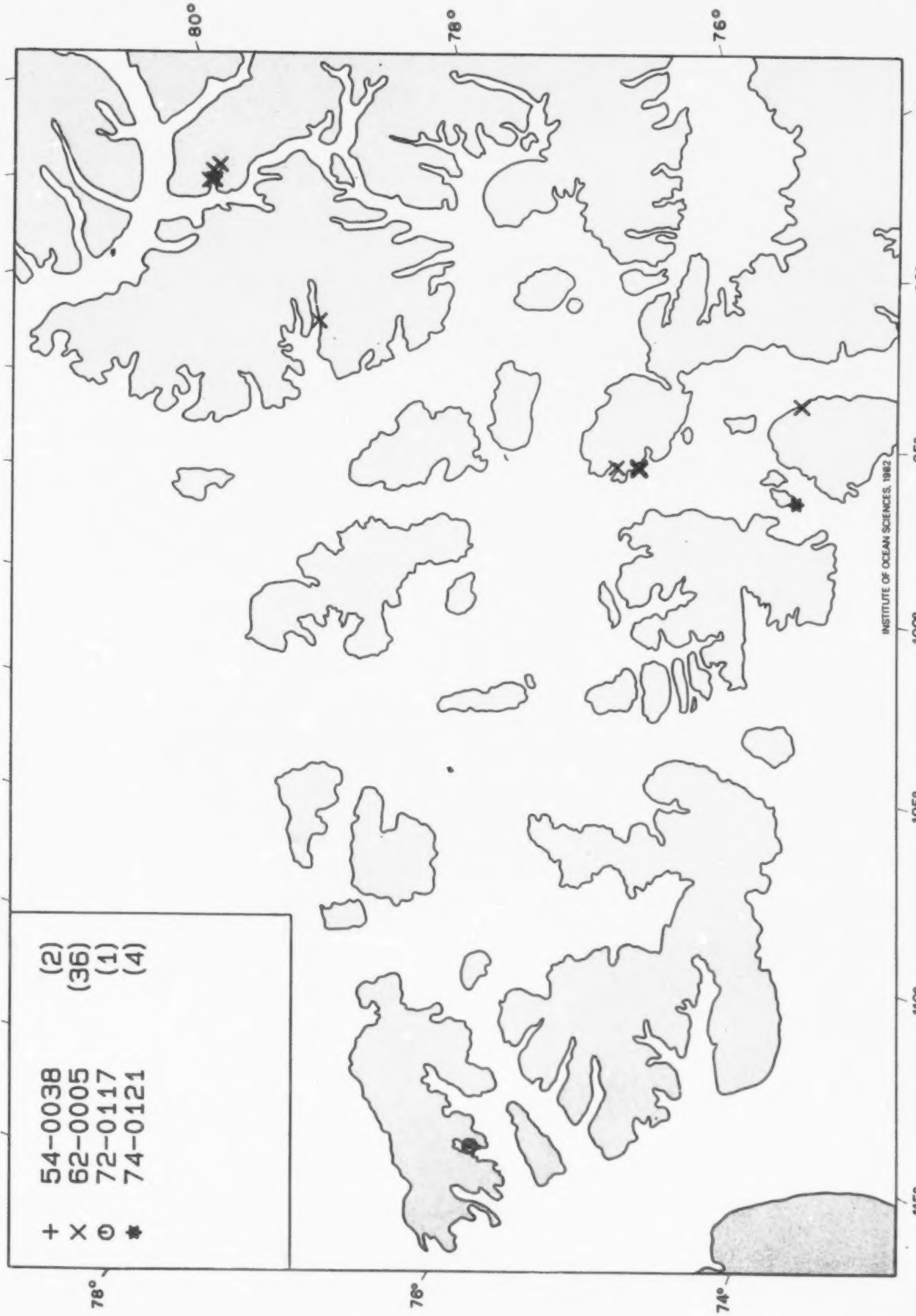
INSTITUTE OF OCEAN SCIENCES, 1982


+ 54-0038 (2)
× 62-0005 (36)
ʘ 72-0117 (1)
✱ 74-0121 (4)
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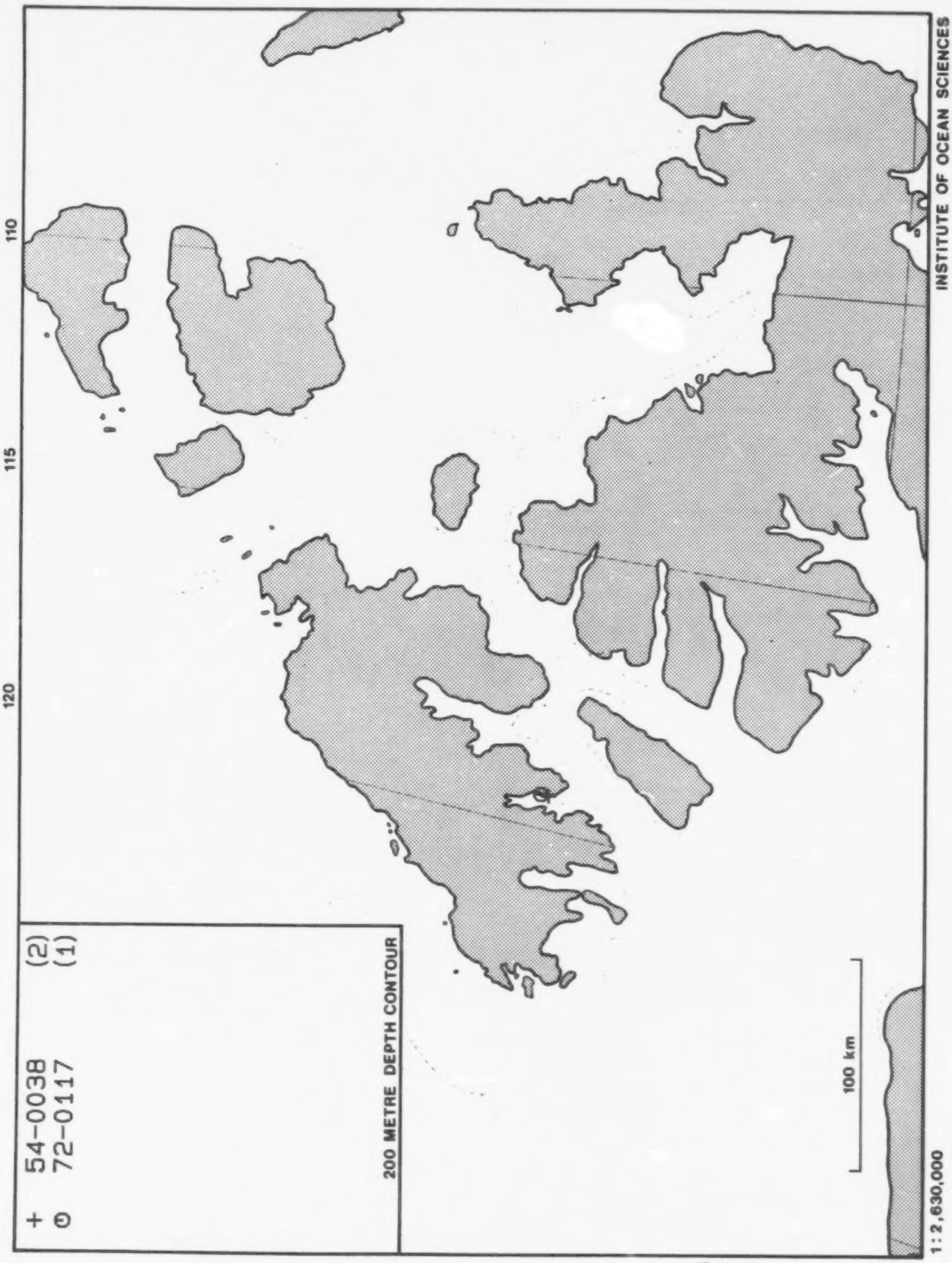
INSTITUTE OF OCEAN SCIENCES, 1982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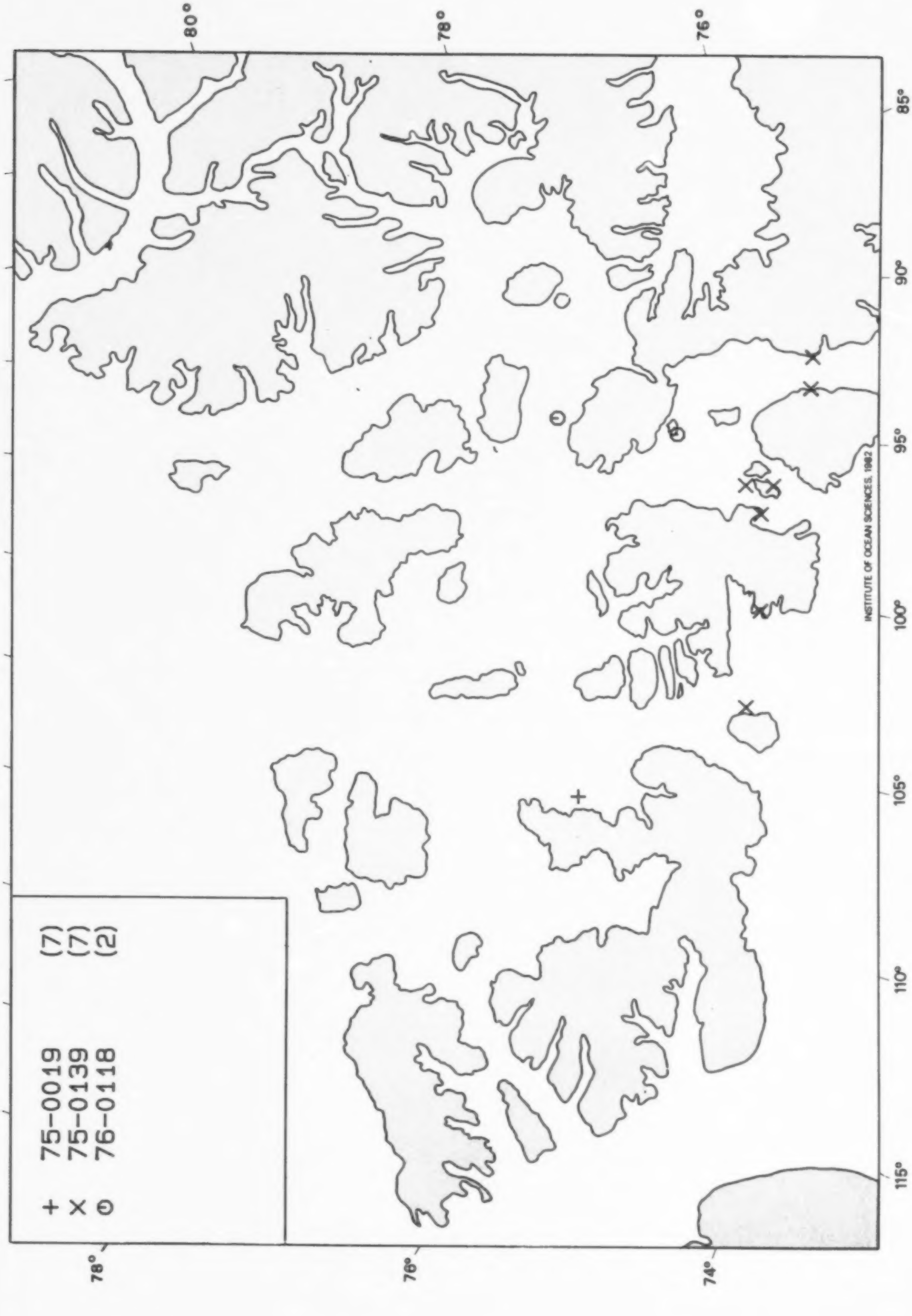
⊙ 72-0117 (1)
200 METRE DEPTH CONTOUR
100 km
1:2,630,000
110
115
120
75
INSTITUTE OF OCEAN SCIENCES



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74°
+ 75-0019 (7)
× 75-0139 (7)
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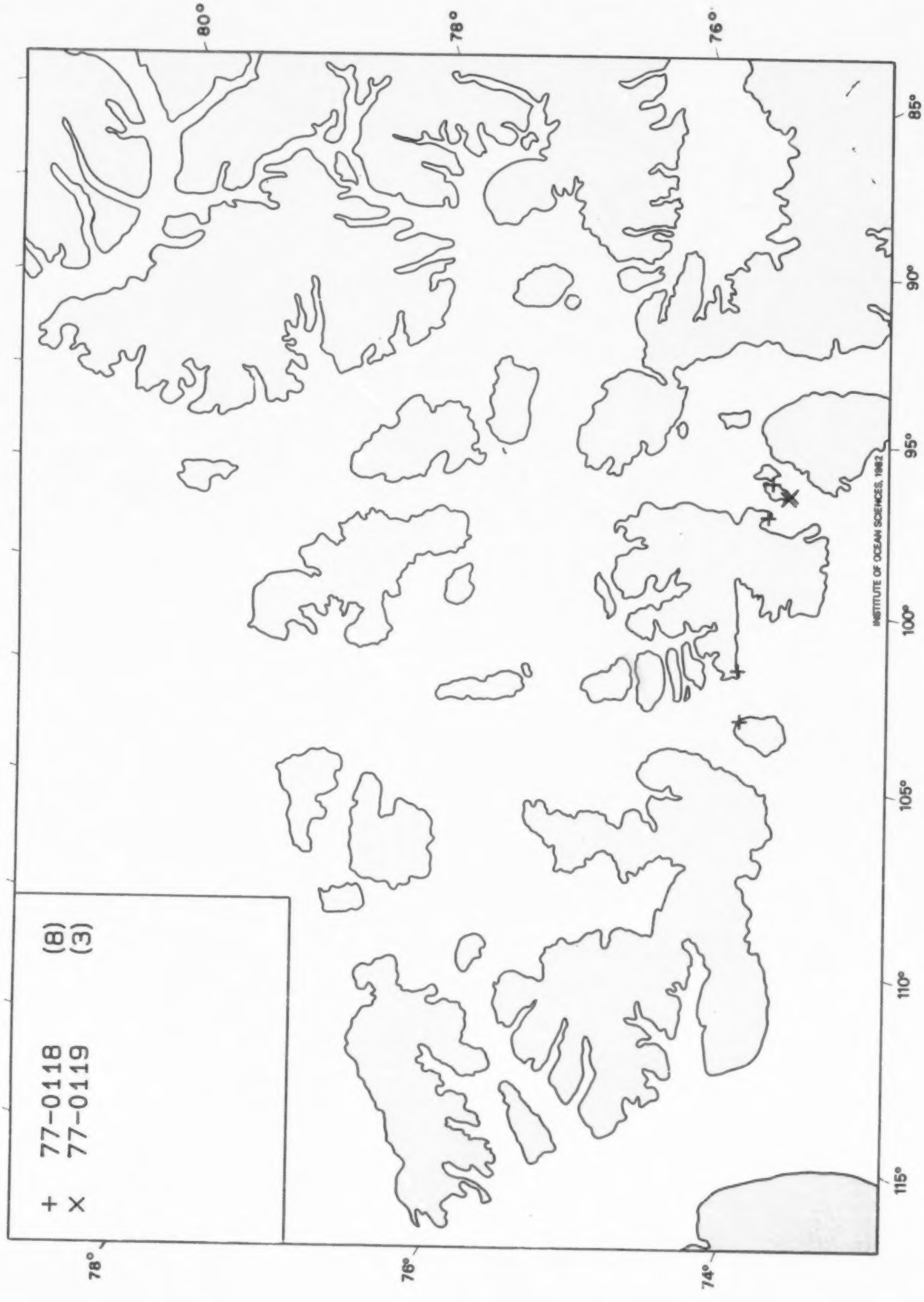
INSTITUTE OF OCEAN SCIENCES, 1982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× 77-0119 (3)
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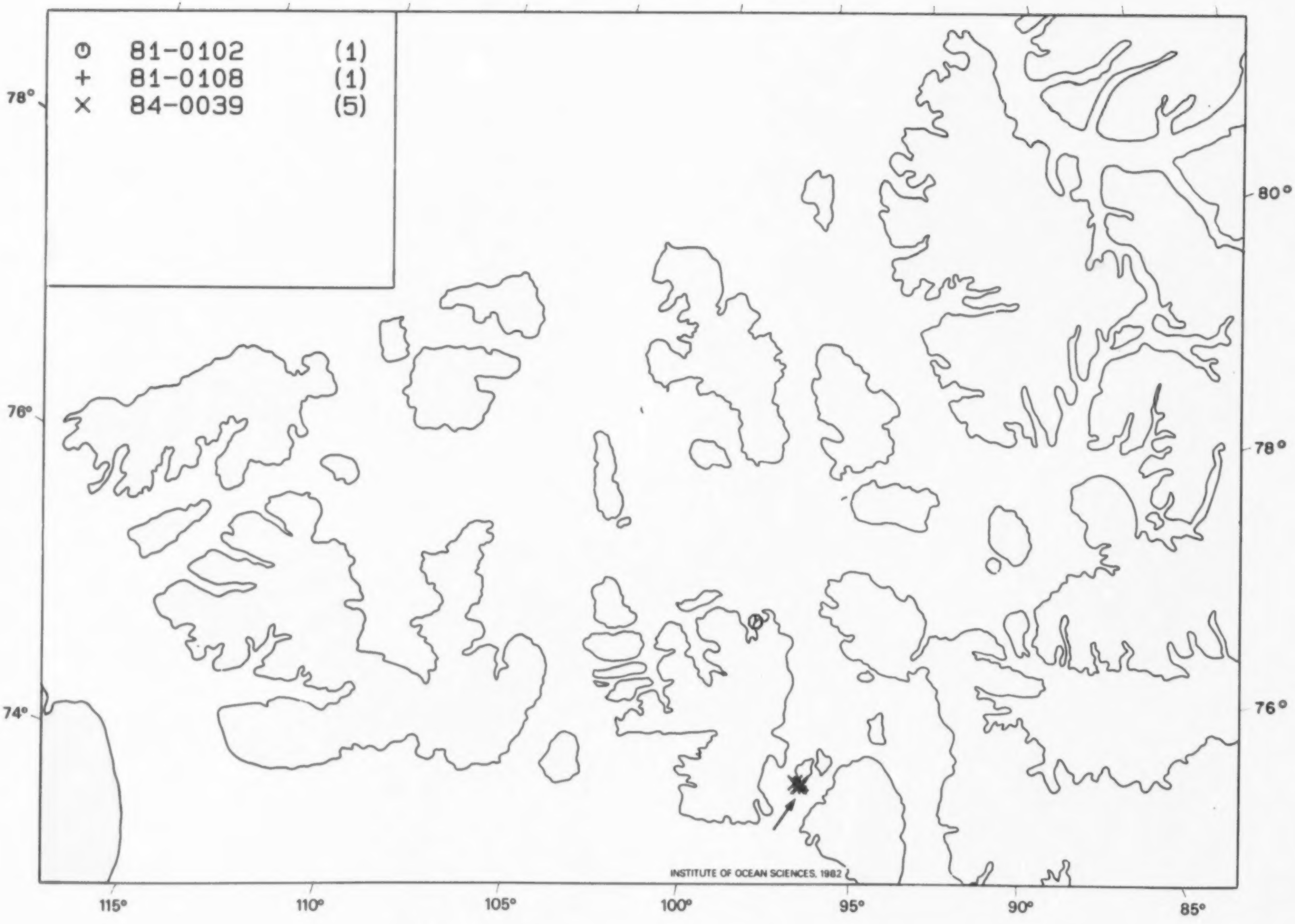
ϴ 81-0102 (1)
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76°
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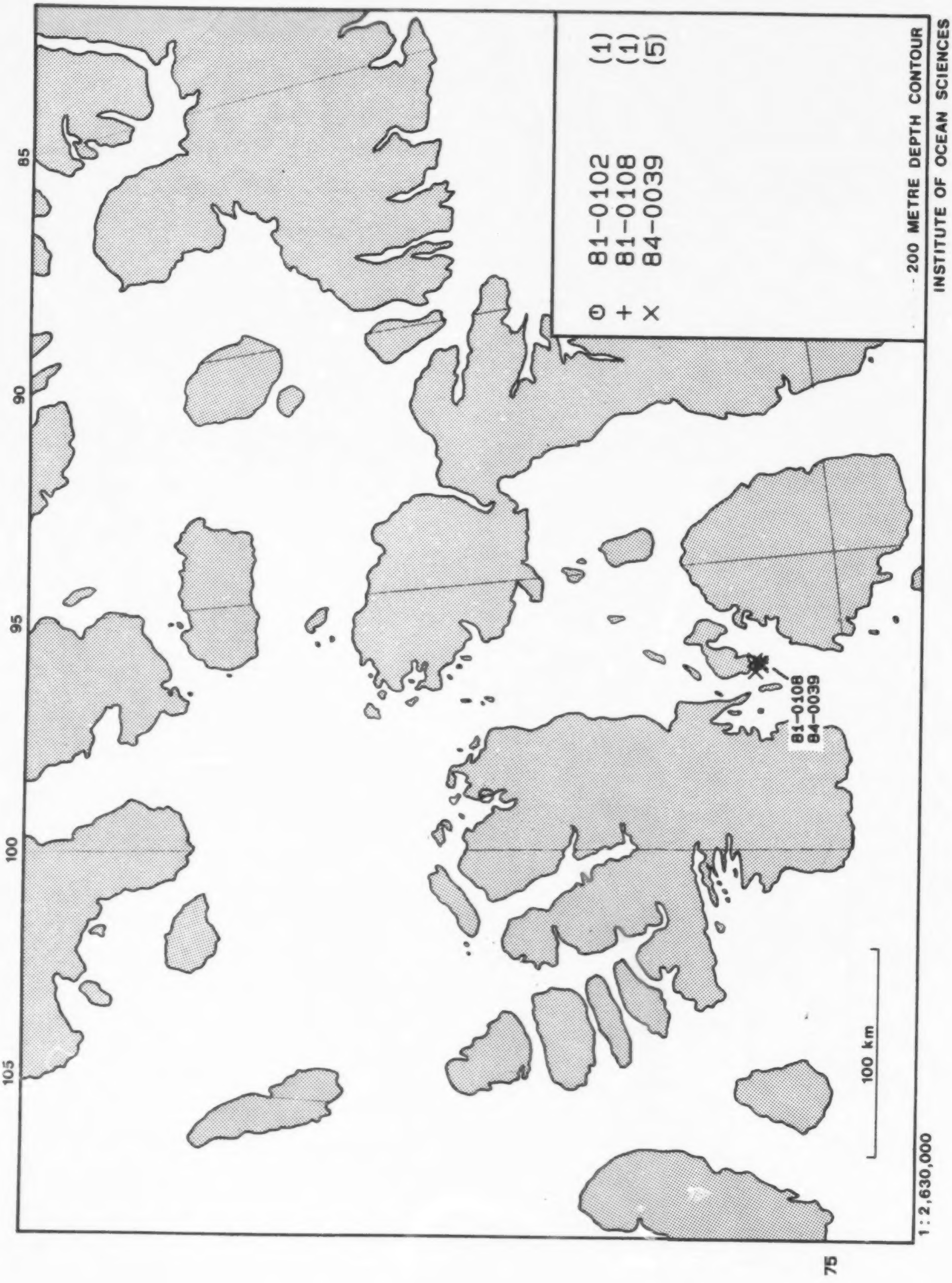
85
90
95
100
105
75
⊖ 81-0102 (1)
+ 81-0108 (1)
× 84-0039 (5)
- 200 METRE DEPTH CONTOUR
INSTITUTE OF OCEAN SCIENCES
81-0108
84-0039
100 km
1:2,630,000

Indices

Northwest Passage

REFERENCE INDEX

Data Set I.D.	Reference	Status	Availability
18^{19}-0001	Sabine, E. 1821. Fishes, p. 33-36. An account of the animals seen by the late Northern Expedition whilst within the Arctic Circle. Being No. 10 of the Appendix to Capt. Parry's Voyage of Discovery. W. Clowes, Northumberland-Court, London.		
	Sabine, E. 1824. Fish, p. 211-214. In W.E. Parry. Appendix 1, Zoology. A supplement to the appendix of Captain Parry's voyage for the discovery of a northwest passage in the years 1819-1820, containing an account of the subjects of natural history. John Murray, London.		
18^{19}-0002	Richardson, J. 1823. Notices of the fishes, p. 705-728. In J. Franklin. Appendix 6. Narrative of a journey to the shores of the Polar Sea in the years 1819, 1820, 1821, and 1822. John Murray, London.		
	Richardson, J. 1836. Fauna Boreali-Americana, of the zoology of the northern parts of British America containing descriptions of the objects of natural history collected on the late northern land expeditions under the command of Sir John Franklin RN. pt. 3, Fishes. p. 1-327.		

REFERENCE INDEX

Data Set I.D.	Reference	Status	Availability
18^{24}-0001	Ross, J.C. 1826. Fishes, p. 109-111. *In* W.E. Parry. Natural history-zoology appendix. Journal of a third voyage for the discovery of a northwest passage from the Atlantic to the Pacific; performed in the years 1824-1825, in His Majesty's Ships, *Hecla* and *Fury*, under the orders of Captain William Edward Parry, R.N., F.R.S., and commander of the expedition. John Murray, London.		
18^{29}-0001	Ross, J.C. 1835. Fish, p. xlvi-lviii. *In* Sir J. Ross. Appendix to the narrative of a second voyage in the Arctic regions during the years 1829, 1830, 1831, 1832, 1833. Account of the objects in the several departments of natural history seen and discovered during the present expedition by J.C. Ross. A.W. Webster, London.		
	Richardson, J. 1835. Salmones, p. 55-58. *In* J.C. Ross. Appendix to the narrative of a second voyage in search of a northwest passage, and of a residence in the Arctic regions during the years 1829, 1830, 1831, 1832, and 1833. A.W. Webster, London.		

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Data Set I.D.	Reference	Status	Availability
1850-0002	Richardson, J. 1854. Vertebrates, including fossil mammals. Fishes, p. 156-171. In E. Forbes (ed.). The zoology of the voyage of H.M.S. "Herald", under the command of Captain Henry Kellet, R.N. during the years 1845-51. Lovell Reeve, London.		
13-0001	Walters, V. 1953a. The fishes collected by the Canadian Arctic Expedition, 1913-18, with additional notes on the ichthyofauna of Western Arctic Canada. Nat. Mus. Can. Bull. 128: 257-274. Johansen, F. (MS). Fishes of Arctic America. Unpublished incomplete manuscript in National Museum of Natural Sciences, Ottawa. Published in part by Walters (1953).	Unpublished manuscript(s), notes, correspondence; preserved fish specimens.	United States National Museum, Washington. National Museum of Canada, Ottawa. Attn: D.E. McAllister Royal Ontario Museum, Toronto. Attn: E.J. Crossman Note: Specimens were apparently sent to the United States National Museum, Americal Museum of Natural History, British Museum of Natural History, Royal Ontario Museum, and the Zoological Museum in Oslo, but a complete list of specimens shipped from Ottawa could not be found (Walters 1953a). Dymond (1964)

REFERENCE INDEX

Data Set I.D.	Reference	Status	Availability
13-0001 Cont'd			states that Johansen's manuscript was in the United States National Museum and that it gave almost complete field information. A large amount of material (station lists, notes, Official Journal) is at the Royal Ontario Museum, Library and Archives.
21-0001	Pfaff, J.R. 1937. Fishes collected on the Fifth Thule Expedition. Report Fifth Thule Expedition, 1921-24, 2: 1-19.	Preserved fish specimens.	Zoological Museum of Copenhagen, Copenhagen, Denmark.
53-0014	Manning, T.H. 1953. Notes on the fish of Banks Island. Arctic 6: 276-277.		
53-0031	Walters, V. 1955. Fishes of western Arctic America and eastern Arctic Siberia. Am. Mus. Nat. Hist. Bull. 106: 255-368.		No specimens found at American Museum of Natural History.
54-0033	Ellis, D.V. 1962. Observations on the distribution and ecology of some Arctic fish. Arctic 15: 179-189.	Preserved fish specimens.	Institute of Fisheries, University of British Columbia, Vancouver.

REFERENCE INDEX

Data Set I.D.	Reference	Status	Availability
55-0040	See 54-0033	See 54-0033	See 54-0033.
57-0044	Hunter, J.G., and S.T. Leach. 1983[a]. Station lists of fisheries investigations carried out by the Arctic Biological Station during the years 1947 to 1979. Can. Data Rep. Fish. Aquat. Sci. 413: x + 220 p.	Computer tape, preserved fish specimens.	Department of Fisheries & Oceans (Arctic Biological Station, Ste. Anne de Bellevue). Attn: S.T. Leach
	Grainger, E.H., and J.G. Hunter. 1959. Station list of the 1955-58 field investigations of the Arctic Unit of the Fisheries Research Board of Canada. J. Fish. Res. Board Can. 16: 403-420.		National Museum of Canada, Ottawa. Attn: D.E. McAllister
58-0044	Manning, T.H., and A.H. MacPherson. 1961. A biological investigation of Prince of Wales Island, NWT. Trans. Roy. Can. Inst. 33: 116-239.	Preserved fish specimen.	National Museum of Canada, Ottawa. Attn: D.E. McAllister
60-0068	Barlishen, W.J., and T.N. Weber. 1973. A history of the development of commercial fishing in the Cambridge Bay area of the Northwest Territories. Prepared for the Federal-Territorial Task Force Report on Fisheries Development in the Northwest Territories. 37 p.		Department of Fisheries and Oceans (Freshwater Institute, Winnipeg). Attn: A.H. Kristofferson

Data Set I.D.	Reference	Status	Availability
60-0068 Cont'd	Kristofferson, A.H., and G.W. Carder. 1980. Data from the commercial fishery for Arctic char, *Salvelinus alpinus* (Linnaeus), in the Cambridge Bay area, Northwest Territories, 1971-78. Can. Data Rep. Fish. Aquat. Sci. 184: v + 25 p.		
61-0080	Hunter, J.G., and S.T. Leach. 1983a. Station lists of fisheries investigations carried out by the Arctic Biological Station during the years 1947 to 1979. Can. Data Rep. Fish. Aquat. Sci. 413: x + 220 p.	Computer tape; preserved fish specimens.	Department of Fisheries & Oceans (Arctic Biological Station, Ste. Anne de Bellevue). Attn: S.T. Leach National Museum of Canada, Ottawa. Attn: D.E. McAllister
61-0081	See 60-0068	See 60-0068	See 60-0068.
62-0005	See 61-0080	Computer tape; preserved fish specimens, unaged otolith samples.	See 61-0080.
62-0070	See 60-0068	See 60-0068	See 60-0068.

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Data Set I.D.	Reference	Status	Availability
63-0058	See 60-0068	See 60-0068	See 60-0068.
64-0001	See 61-0080	Computer tape; preserved fish specimens.	See 61-0080.
64-0055	See 60-0068	See 60-0068	See 60-0068.
65-0002	See 61-0080	Computer tape; preserved fish specimens; unaged otolith and scale samples.	See 61-0080.
65-0061	See 60-0068	See 60-0068	See 60-0068.
66-0005	See 61-0080	Computer tape; preserved fish specimens.	See 61-0080.
66-0061	See 60-0068	See 60-0068	See 60-0068.
67-0001	See 61-0080	Computer tape; preserved fish specimens; unaged otolith samples.	See 61-0080.

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Data Set I.D.	Reference	Status	Availability
67-0046	See 60-0068	See 60-0068	See 60-0068.
68-0067	See 60-0068	See 60-0068	See 60-0068.
68-0068	See 61-0080	Computer tape; preserved fish specimens; unaged otolith samples.	See 61-0080.
69-0067	See 60-0068	See 60-0068	See 60-0068.
69-0068	See 61-0080	Computer tape; preserved fish specimens; unaged otolith and scale samples.	See 61-0080.
70-0014	See 61-0080	Computer tape; preserved fish specimens.	See 61-0080.
70-0068	See 61-0068	See 60-0068	See 60-0068.

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Data Set I.D.	Reference	Status	Availability
70-0070	Emery, A. 1973. Biological survey-summer expedition. Arctic diving. Advisory Committee on Northern Development North of 60°N. James Allister MacInnis Arctic Diving Expedition. Vol. IV: 16-23.	Data sheets; preserved fish specimens.	Royal Ontario Museum. Toronto. Attn: E.J. Crossman
71-0108	Bell, L. 1973. Biological survey-winter expedition. Arctic diving. Advisory Committee on Northern Development North of 60°N. James Allister MacInnis Arctic Diving Expeditions. Vol. IV: 24-29.	Preserved fish specimens.	Royal Ontario Museum, Toronto Attn: E.J. Crossman (However, they could not be located - Jan/85)
71-0109	-	Unpublished manuscript.	Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: R. Peet
71-0110	Kristofferson, A.H., and G.W. Carder. 1980. Data from the commercial fishery for Arctic char, Salvelinus alpinus (Linnaeus), in the Cambridge Bay area, Northwest Territories, 1971-78. Can. Data Rep. Fish. Aquat. Sci. 184: v + 25 p. Barlishen, W.J., and T.N. Weber. 1973. A history of the development of commercial fishing in the Cambridge Bay area of the Northwest Territories. Prepared for the Federal-Territorial Task Force Report on Fisheries Development in the Northwest Territories. 37 p.		Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: A.H. Kristofferson

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Data Set I.D.	Reference	Status	Availability
72-0016	Bowes, G.W., and C.J. Jonkel. 1975. Presence and distribution of polychlorinated biphenyls (PCB) in arctic and subarctic marine food chains. J. Fish. Res. Board Can. 32: 2111-2123.		
72-0113	See 71-0110	See 71-0110	See 71-0110.
72-0114	-	Unpublished manuscript; data sheets; preserved fish specimens.	Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: H.E. Welch Royal Ontario Museum, Toronto. Attn: E.J. Crossman
72-0115	Holeton, G.F. 1974. Metabolic cold adaptation of polar fish: fact or artefact. Physiol. Zool. 47: 137-152.	Data sheets; preserved fish specimens.	Royal Ontario Museum, Toronto. Attn: E.J. Crossman
72-0116	Green, J.M., and D.H. Steele. 1975. Observations on marine life beneath sea ice, Resolute Bay, NWT. Part II, p. 77-86. In Circumpolar Conference on Northern Ecology Proceedings. Nat. Res. Counc., Ottawa.	Preserved fish specimens.	National Museum of Canada, Ottawa. Attn: D.E. McAllister

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Data Set I.D.	Reference	Status	Availability
73-0129	Kristofferson, A.H., and G.W. Carder. 1980. Data from the commercial fishery for Arctic char, Salvelinus alpinus (Linnaeus), in the Cambridge Bay area, Northwest Territories, 1971-78. Can. Data Rep. Fish. Aquat. Sci. 184: v + 25 p.		Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: A.H. Kristofferson
73-0130	-	Preserved fish specimens.	National Museum of Canada, Ottawa. Attn: D.E. McAllister
74-0015	B.C. Research. 1975. Baseline study of the marine environment at Strathcona Sound, NWT. Report to Strathcona Mineral Services, Project 1552, 84 p. + appendices.	Preserved fish specimens.	National Museum of Canada, Ottawa. Attn: D.E. McAllister
	Bohn, A., and B.W. Fallis. 1978. Metal concentrations (As, Cd, Cu, Pb, and Zn) in shorthorn sculpins, Myoxocephalus scorpius (Linnaeus), and Arctic char, Salvelinus alpinus (Linnaeus), from the vicinity of Strathcona Sound, Northwest Territories. Water Research 12: 659-663.		Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: L. de March

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Data Set I.D.	Reference	Status	Availability
74-0026	-	Data sheets; unaged otolith and spine samples; possibly preserved fish specimens, and stomach samples.	Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: B.W. Fallis
74-0122	See 73-0129	See 73-0129	See 73-0129.
74-0123	-	Preserved fish specimens.	National Museum of Canada, Ottawa. Attn: D.E. McAllister
74-0124	See 72-0116	See 72-0116	See 72-0116.
75-0013	Sekerak, A.D., D. Thomson, H. Bain, and J. Acreman. 1976. Summer surveys of the marine environment of Creswell Bay, Somerset Island and Assistance Bay, Cornwallis Island, NWT. 1975. LGL Ltd. Prepared for Polar Gas Project, 215 p.	Preserved fish specimens.	National Museum of Canada, Ottawa. Attn: D.E. McAllister
75-0030	-	Data sheets; unaged otolith, dorsal and pre-opercular spine samples; preserved fish specimens.	Department of Fisheries & Oceans (Freshwater Institute, Winnipeg) Attn: B.W. Fallis

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Data Set I.D.	Reference	Status	Availability
75-0031	Bohn, A., and R.O. McElroy. 1976. Trace metals (As, Cd, Cu, Fe, and Zn) in Arctic cod, *Boreogadus saida*, and selected zooplankton from Strathcona Sound, northern Baffin Island. J. Fish. Res. Board Can. 33: 2836-2840.	Preserved fish specimens.	National Museum of Canada, Ottawa. Attn: D.E. McAllister
75-0139	-	Preserved fish specimens.	National Museum of Canada, Ottawa. Attn: D.E. McAllister
75-0140	See 73-0129	See 73-0129	See 73-0129
75-0142	Nettleship, D.N. 1977. Studies of seabirds at Prince Leopold Island and vicinity, Northwest Territories. Preliminary report of biological investigations in 1975. Canadian Wildlife Service Progress Notes 73: 1-11.	Preserved fish specimens.	National Museum of Canada, Ottawa. Attn: D.E. McAllister
75-0143	-	Data sheets; preserved fish specimens.	Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: L. Johnson National Museum of Canada, Ottawa. Attn: D.E. McAllister

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Data Set I.D.	Reference	Status	Availability
76-0008	Sekerak, A.D., R.A. Buchanan, W.B. Griffiths, and M.G. Foy. 1976. Biological oceanographic studies in Lancaster Sound, 1976. LGL Ltd. Prepared for Norlands Petroleum Ltd., 169 p. + appendices.		Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: L. de March
	Sekerak, A.D., R.A. Buchanan, M.G. Foy, H. Bain, G.L. Walder, and H.E. Stallard. 1979. Studies of plankton in northwest Baffin Bay and adjacent waters July-October, 1978. LGL Ltd. Executive Summary, 412 p.		
	Sekerak, A.D. 1982. Young-of-the-year cod (Boreogadus) in Lancaster Sound and western Baffin Bay. Arctic 35: 75-87.		
76-0010	Bain, H., D. Thomson, M. Foy, and W. Griffiths. 1977. Marine ecology of fast-ice-edges in Wellington Channel and Resolute Passage, NWT. LGL Ltd. Prepared for Polar Gas Project, 215 p. + appendices.		
76-0012	-	Data sheets; scale, otolith, fin ray and spine samples; possibly preserved fish specimens.	Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: B.W. Fallis

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Data Set I.D.	Reference	Status	Availability
76-0118	-	Preserved fish specimen(s).	National Museum of Canada, Ottawa. Attn: D.E. McAllister
76-0119	See 73-0129	See 73-0129	See 73-0129.
76-0121	Bain, H., and A.D. Sekerak. 1978. Aspects of the biology of Arctic cod, *Boreogadus saida*, in the central Canadian Arctic. LGL Ltd. Prepared for Polar Gas Project, 104 p.		
77-0015	Thomson, D., W.E. Cross, H. Bain, and L. Patterson. 1978. Aspects of the spring and summer marine environment of Brentford Bay, Boothia Peninsula, NWT. LGL Ltd. Prepared for Polar Gas Project, 203 p.		
77-0016	Buchanan, R.A., W.E. Cross, and D.H. Thomson. 1977. Survey of the marine environment of Bridport Inlet, Melville Island. LGL Ltd. Prepared for Petro-Canada, 265 p.	Stomach samples were removed and preserved but were not analyzed.	Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: L. de March
77-0120	See 73-0129	See 73-0129	See 73-0129.

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77-0121	See 76-0121	Preserved fish specimens.	Polar Gas Project, Toronto.
78-0022	Sekerak, A.D., R.A. Buchanan, M.G. Foy, H. Bain, G.L. Walder, and H.E. Stallard. 1979. Studies of plankton in northwest Baffin Bay and adjacent waters July-October, 1978. LGL Ltd. Executive Summary, 412 p.		Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: L. de March
	Sekerak, A.D. 1982. Young-of-the-year cod (*Boreogadus*) in Lancaster Sound and western Baffin Bay. Arctic 35: 75-87.		
78-0112	See 73-0129	See 73-0129	See 73-0129.
79-0024	Fallis, B.W. 1982. Trace metals in sediments and biota from Strathcona Sound, NWT, Nanisivik Marine Monitoring Program, 1974-1979. Can. Tech. Rep. Fish. Aquat. Sci. 1082: 34 p.	Data sheets, preserved fish specimens.	Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: B.W. Fallis
79-0114	Carder, G.W. 1981. Data from the commercial fishery for Arctic charr, *Salvelinus alpinus* (Linnaeus), in the *Cambridge Bay area*, Northwest Territories, 1979-80. Can. Data Rep. Fish. Aquat. Sci. 284: v + 32 p.		Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: A.H. Kristofferson

Data Set I.D.	Reference	Status	Availability
79-0115	Kristofferson, A.H., D.R. Leroux, and J.R. Orr. 1982. A biological assessment of Arctic char, Salvelinus alpinus (L.), stocks in the Gjoa Haven - Pelly Bay area of the Northwest Territories, 1979-80. Can. Manuscr. Rep. Fish. Aquat. Sci. 1591: vi + 51 p.		Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: A.H. Kristofferson
79-0116	MacDonald, G., and D.B. Stewart. 1980. Arctic Land Use Research Program 1979: a survey of the aquatic resources of the central Keewatin Region of the Northwest Territories. Department of Indian Affairs and Northern Development, Environmental Studies No. 17: 111 p.	Field sheets	Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: D.B. Stewart
80-0007	Bedford Institute of Oceanography. 1980. Biological oceanography report on C.S.S. Hudson Cruise 80-027, July 24-August 29, 1980.		Bedford Institute of Technology (Marine Ecology Laboratory). Attn: R.F. Addison Note: Data on fish collected at Maxwell Bay, Devon Is. (NWP) and at Grise Fiord, Ellesmere Is. (QEI). Only the latter was published (Fletcher et al. 1982).

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80-0106	See 79-0115		See 79-0115.
80-0107	See 79-0114	See 79-0114	See 79-0114.
81-0102	Stewart, D.B., and L.M.J. Bernier. 1982. An aquatic resource survey of the islands bordering Viscount Melville Sound, District of Franklin, Northwest Territories. Lands Directorate of Environment Canada and Northern Environment Directorate of Indian and Northern Affairs, Northern Land Use Information Series, Background Report No. 2: 110 p.	Data sheets; preserved fish specimens.	Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: D.B. Stewart National Museum of Canada, Ottawa. Attn: D.E. McAllister
81-0103	Carder, G.W. 1983. Data from the commercial fishery for Arctic charr, *Salvelinus alpinus* (Linnaeus), in the Cambridge Bay and Rankin Inlet areas, Northwest Territories, 1981-82. Can. Data Rep. Fish. Aquat. Sci. 391: v + 24 p.		Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: A.H. Kristofferson
81-0104	-	Field sheets; preserved fish specimens.	Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: B.W. Fallis

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Data Set I.D.	Reference	Status	Availability
81-0105	Gillman, D.V., and A.H. Kristofferson. 1984. Biological data on Arctic charr, *Salvelinus alpinus* (L.), from the Coppermine River, Northwest Territories, 1981-82. Can. Data Rep. Fish. Aquat. Sci. 440: iv + 16 p.		Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: A.H. Kristofferson
81-0106	-	Data sheets.	Bedford Institute of Technology (Marine Ecology Laboratory). Attn: R.F. Addison Information was obtained from a report, sent to Department of Fisheries & Oceans (R.W. Moshenko) relating to Scientific Collection Permit 81-17-F.
82-0117	McGowan, D.K. 1985. Data from test fisheries conducted in the Baffin and Central Arctic Regions, Northwest Territories, 1980-84. Can. Data Rep. Fish. Aquat. Sci. 531: v + 68 p.		Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: A.H. Kristofferson
82-0118	See 81-0105	See 81-0105	See 81-0105.

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Data Set I.D.	Reference	Status	Availability
82-0119	Stewart, D.B., and L.M.J. Bernier. 1983. An aquatic resource survey of Victoria and King William Islands and the northeastern District of Keewatin, Northwest Territories. Lands Directorate of Environment Canada and Northern Affairs, Northern Land Use Information Series, Background Report No. 3: 124 p.	Data sheets.	Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: D.B. Stewart
82-0148	See 81-0103	See 81-0103	See 81-0103.
83-0063	Carder, G.W., and G. Low. 1985. Data from the commercial fishery for Arctic charr, *Salvelinus alpinus* (Linnaeus), in the Cambridge Bay and Rankin Inlet areas, Northwest Territories, 1983-84. Can. Data Rep. Fish. Aquat. Sci. 519: v + 26 p.		Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: A.H. Kristofferson
84-0037	See 83-0063	See 83-0063	See 83-0063.
84-0038	-	Field sheets; preserved fish specimens.	Department of Fisheries & Oceans (Freshwater Institute, Winnipeg). Attn: B.W. Fallis

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75-0030
75-0143
76-0010
76-0012
76-0121
77-0016
77-0121
79-0116
81-0102
81-0105
82-0117
82-0119

Seine:

57-0044
62-0005
65-0002
68-0068
74-0026

Trawl:

13-0001
62-0005
64-0001
65-0002
66-0005
67-0001
68-0068
69-0068
70-0014
75-0031
76-0010
77-0015
77-0016
77-0121
81-0102
81-0106
85-0021

Trap:

72-0116
74-0026
77-0121

Poison:

62-0005
70-0070

Rod and Line:

62-0005
64-0001
67-0001
71-0109
72-0016
72-0115
75-0013

Longline:

64-0001
65-0002
74-0015
75-0030

Handline:

13-0001
65-0002
67-0001

Hand:

13-0001
57-0044
62-0005
70-0070
71-0108
72-0114
72-0115
72-0116
74-0124
76-0121
77-0015
77-0016
77-0121
79-0024
81-0104
84-0038
85-0021

Jig:

64-0001
65-0002
67-0001
74-0015
76-0010
76-0121
77-0121
80-0007

Found Dead:

54-0033
55-0040
75-0013
85-0021

Plankton Net:

57-0044
62-0005
64-0001
68-0068
69-0068
75-0013
76-0008

Plankton Net Cont'd:

76-0010
76-0121
77-0015
77-0016
77-0121
78-0022
85-0021

Bottom Grab:

54-0033
62-0005
66-0005
67-0001
68-0068
69-0068
70-0014
77-0015

Explosives:

57-0044

Bottom Dredge:

13-0001
57-0044
62-0005
67-0001
69-0068
74-0015

Gut Contents:

13-0001
54-0033

Fishery:
(Commercial and Domestic)

60-0068
61-0081
62-0070
63-0058
64-0055
65-0061
66-0061
67-0046
68-0067
69-0067
70-0068
71-0109
71-0110
72-0113
73-0129
74-0122
75-0140
76-0119
77-0120
78-0112
79-0114
79-0115
80-0106
80-0107
81-0103
81-0105
82-0118
82-0148
83-0063
84-0037

Observed:

54-0033
72-0114

Spear:

70-0014
76-0121

Airlift:

77-0015
77-0016

SPECIES INDEX

GRSH:

74-0015

PCHR:

65-0002
75-0143
81-0105

LKCS:

54-0033?

ARCS:

13-0001
65-0002
69-0068
74-0123
75-0143
79-0116
81-0105
82-0119

LKWT:

53-0031
54-0033
65-0002
79-0116
81-0105

BDWT:

13-0001
53-0031
54-0033
65-0002
75-0143
81-0105

LSCS:

61-0080
75-0143
79-0116
81-0105

RDWT:

54-0033

CHAR:

13-0001
21-0001
53-0014
54-0033
58-0044
60-0068
61-0081
62-0005
62-0070
63-0058
64-0055
65-0061
66-0061
67-0046
68-0067
69-0067
70-0068
71-0109
71-0110
72-0016
72-0113
73-0129
74-0122
74-0123
75-0013
75-0140
75-0143
76-0119
77-0120
78-0112
79-0114
79-0115
80-0106
80-0107
81-0103
81-0105
82-0117
82-0118
82-0119
82-0148
83-0063
84-0037

LKTR:

13-0001
53-014?
54-0033
79-0115
79-0116
80-0106

CPLN:

53-0031
54-0033

NRPK:

54-0033

LNSK:

54-0033
81-0105

TDCD:

13-0001
61-0080
64-0001
65-0002
67-0001
68-0068
70-0014
79-0116

POCD:

13-0001
62-0005
64-0001
65-0002
66-0005
67-0001
68-0068
69-0068
70-0014
77-0015
77-0016
81-0102

ARCD:

21-0001
62-0005
64-0001
65-0002
66-0005
67-0001
68-0068
69-0068
70-0070
72-0115
72-0116
74-0015
74-0026
74-0123
74-0124
75-0013
75-0031
75-0142
76-0008
76-0010
76-0012
76-0121
77-0015
77-0016
77-0121
78-0022
81-0102
81-0106
85-0021

SFCD:

13-0001
21-0001
53-0031
54-0033
57-0044
61-0080
62-0005
65-0002
69-0068
75-0143
79-0116
81-0105

OGAC:

13-0001
21-0001
54-0033
61-0080
62-0005
64-0001
65-0002
67-0001
69-0068
74-0123
75-0143
82-0119

BRBT

53-0031
54-0033

Gymnelus hemifasciatus:

66-0005

AUPT:

68-0068
75-0031

FHDR:

13-0001?
62-0005
64-0001
65-0002
66-0005
67-0001
68-0068
69-0068
70-0014
70-0070
72-0114
72-0115
72-0116
74-0015
74-0026
74-0123
74-0124
75-0013
75-0031
75-0139
76-0010
77-0015
77-0016
81-0102
81-0104
84-0038
85-0021

ELPT:

66-0005?
67-0001?
74-0123

SDEP:

13-0001?
58-0044
62-0005
65-0002
69-0068
70-0014
72-0114
72-0115
72-0116
74-0026
74-0124
77-0015
77-0016

PAEP:

62-0005
64-0001
65-0002
66-0005
67-0001
68-0068
69-0068

PAEP Cont'd:

70-0014
75-0031

PREP:

62-0005
65-0002
66-0005
67-0001
68-0068
69-0068
70-0014
72-0116
74-0124
75-0031
76-0010
85-0021?

AREP:

66-0005
72-0114
75-0031

TSEP:

66-0005
67-0001
68-0068
69-0068
70-0014

RBEP:

70-0070
72-0115

BRWF:

69-0068

STEB:

66-0005
67-0001
69-0068
70-0014

FLSB:

65-0002
66-0005
67-0001
68-0068
69-0068

DBSH:

65-0002
66-0005
67-0001
68-0068
69-0068
75-0031

SLEB:

65-0002
67-0001
69-0068
81-0102

ARSH:

69-0068

BDGL:

65-0002

NRSL:

21-0001?
70-0014

STSL:

13-0001

RHKR:

62-0005
67-0001
69-0068
76-0010
77-0015
77-0016

SFKR:

72-0115

ASSC:

13-0001
54-0033
62-0005
64-0001
65-0002
66-0005
67-0001
68-0068
69-0068
70-0014
70-0070
72-0114
72-0115
72-0116
74-0015
74-0026
74-0124
75-0013
75-0031
75-0139
75-0143
77-0015
77-0016
81-0102
81-0104
84-0038
85-0021

THSC:

13-0001
62-0005
64-0001?
65-0002
66-0005
67-0001
68-0068
69-0068
70-0014

THSC Cont'd:

72-0115
72-0116
74-0124
75-0031
75-0139
77-0016
84-0038
85-0021

STSC:

62-0005
64-0001
65-0002
66-0005
67-0001
68-0068
69-0068
70-0014
72-0114
72-0115
72-0116
74-0026
74-0124
75-0031
84-0038
85-0021

FHSC:

13-0001
21-0001
54-0033
61-0080
62-0005
64-0001
70-0014
70-0070
72-0114
73-0130
74-0026
74-0123
75-0013
75-0030
75-0139
75-0143
76-0012
77-0015
77-0016
79-0024
79-0116
81-0102
82-0119

ARSC:

13-0001
62-0005
68-0068
73-0130
74-0026
75-0013
75-0030
75-0031
76-0012
77-0015
80-0007?

SHSC:

13-0001
54-0033
62-0005
64-0001
65-0002
67-0001
68-0068
69-0068
70-0014
70-0070
72-0115
73-0130
74-0015
74-0026
74-0123
75-0013
75-0030
75-0031
75-0143
76-0012
77-0015
79-0024
80-0007?
81-0106?

BESC:

62-0005
66-0005
67-0001
68-0068
74-0015
75-0031
75-0142

RBSC:

13-0001
62-0005
64-0001
65-0002
66-0005
67-0001
68-0068
69-0068
70-0014
72-0114
72-0116
74-0026
74-0124
77-0015
77-0016
85-0021?

ARAF:

62-0005
64-0001
65-0002
66-0005
67-0001
68-0068
69-0068
70-0014
74-0026

ATPH:

66-0005
67-0001
68-0068
69-0068
75-0031

SMLF:

55-0040?
56-0002?
75-0142?

LFLS:

66-0005
74-0015
77-0015
77-0016
81-0104
84-0038

ASLS:

62-0005
64-0001
65-0002
66-0005
67-0001
68-0068
69-0068
75-0031
75-0139

STPL:

75-0031

ATSF:

70-0070
71-0108
72-0115

BTSF:

62-0005?
66-0005?
72-0116
74-0124
77-0016

DSSF:

70-0070
75-0139

GLSF:

62-0005
65-0002
66-0005
67-0001
68-0068
69-0068
70-0014
72-0115
72-0116
74-0124
75-0031
75-0142
78-0022

KPSF:

13-0001
66-0005
72-0114
76-0010
76-0118
77-0016
81-0104

NSSB:

13-0001
21-0001
53-0031
54-0033
69-0068
72-0116

BRFL:

65-0002
75-0143

LHDB:

75-0143

ARFL:

53-0031
54-0033
65-0002
75-0143
79-0116

STFL:

13-0001
54-0033
57-0044
65-0002
75-0143
81-0105

Indices

Queen Elizabeth Islands

REFERENCE INDEX

Data Set I.D.	Reference	Status	Availability
18^{52}-0001	Richardson, J. 1855. Account of the fish. Appendix to Vol. 2, p. 374-376. In E. Belcher. The last of the Arctic voyages; being a narrative of the expedition in H.M.S. Assistance under the command of Captain Sir Edward Belcher, C.B., in search of Sir John Franklin, during the years 1852-53-54. Lovell Reeve, London.		
01-0001	Jensen, A.D.S. 1910. Fishes. Report of the Second Norwegian Arctic Expedition in the "Fram", 1898-1902. Kristiana 25: 1-15.	Preserved fish specimens	Zoological Museum, University of Oslo, Norway.
13-0001	Walters, V. 1953a. The fishes collected by the Canadian Arctic Expedition, 1913-1918, with additional notes on the ichthyofauna of Western Arctic Canada. Nat. Mus. Can. Bull. 128: 275-274.	Unpublished manuscript(s), notes, correspondence; preserved fish specimens.	National Museum of Canada, Ottawa. Attn: D.E. McAllister
	Johansen, F. (MS). Fishes of Arctic America. Unpublished incomplete manuscript in National Museum of Natural Sciences, Ottawa. Published in part by Walters (1953a).		Royal Ontario Museum, Toronto. Attn: E.J. Crossman United States National Museum, Washington. Note: Specimens were apparently sent to the United States National Museum, American Museum of Natural History, Royal Ontario Museum, and the

Data Set I.D.	Reference	Status	Availability
13-0001 Cont'd			Zoological Museum in Oslo, but a complete list of specimens shipped from Ottawa could not be found (Walters 1953a). Dymond (1964) states that Johansen's manuscript was in the United States National Museum and that it gave almost complete field information. A large amount of material (station lists, notes, Official Journal) is at the Royal Ontario Museum, Library and Archives.
51-0027	Walters, V. 1953b. Notes on fishes from Prince Patrick and Ellesmere Islands, Canada. Am. Mus. Novitates 1643: 17 p.	Preserved fish specimens.	American Museum Natural History, New York.
	Walters, V. 1953c. List of fishes, p. 251-253. *In* S.D. MacDonald. Report on biological investigations at Alert, N.W.T. Nat. Mus. Can. Bull. 128: 241-256.		National Museum of Canada, Ottawa. Attn: D.E. McAllister
52-0030	Walters, V. 1953b. Notes on fishes from Prince Patrick and Ellesmere Islands, Canada. Am. Mus. Novitates 1643: 17 p.	Preserved fish specimens.	American Museum Natural History, New York.

REFERENCE INDEX

Data Set I.D.	Reference	Status	Availability
52-0030 Cont'd	Walters, V. 1954. List of fishes, p. 233-234. In S.D. MacDonald. Report on biological investigations at Mould Bay, Prince Patrick Island, N.W.T., in 1952. Nat. Mus. Can. Bull. 132: 214-238.		National Museum of Canada, Ottawa. Attn: D.E. McAllister
54-0038		Preserved fish specimens.	National Museum of Canada, Ottawa. Attn: D.E. McAllister
62-0005	Hunter, J.G., and S.T. Leach. 1983a. Station lists of fisheries investigations carried out by the Arctic Biological Station during the years 1947 to 1979. Can. Data Rep. Fish. Aquat. Sci. 413: x + 220 p.	Computer tape;✓ preserved fish specimens; unaged otolith samples.	Department of Fisheries and Oceans (Arctic Biological Station, Ste. Anne de Bellevue). Attn: S.T. Leach National Museum of Canada, Ottawa. Attn: D.E. McAllister
76-0016	Bowes, G.W., and C.J. Jonkel. 1975. Presence and distribution of polychlorinated biphenyls (PCB) in arctic and subarctic marine food chains. J. Fish. Res. Board Can. 32: 2111-2123.		
72-0117		Preserved fish specimen(s).	National Museum of Canada, Ottawa. Attn: D.E. McAllister

REFERENCE INDEX

Data Set I.D.	Reference	Status	Availability
72-0121	Dobrocky Seatech Ltd. 1975. Report of the hydrographic and limnological survey at Little Cornwallis Island, N.W.T. Prepared for B.C. Research, 66 p. *In* B.C. Research. 1975. Environmental study of Polaris Mine, Little Cornwallis Island. Prepared for Cominco Ltd.		Department of Fisheries and Oceans (Freshwater Institute, Winnipeg). Attn: L. de March
75-0019	Beak Consultants Limited. 1975. Biological investigations, Panarctic Gulf et al. East Drake I-55. Prepared for Panarctic Oils Ltd., Calgary, Alberta. 15 p. + append.	Video tape.	Department of Fisheries and Oceans (Freshwater Institute, Winnipeg). Attn: L. de March
75-0139		Preserved fish specimens.	National Museum of Canada, Ottawa. Attn: D.E. McAllister
76-0118		Preserved fish specimens.	National Museum of Canada, Ottawa. Attn: D.E. McAllister
77-0118	Bain, H., and A.D. Sekerak. 1978. Aspects of the biology of Arctic cod, *Boreogadus saida*, in the central Canadian Arctic. LGL Ltd. Prepared for Polar Gas Project, 104 p.	Preserved fish specimens?	Polar Gas Project.

REFERENCE INDEX

Data Set I.D.	Reference	Status	Availability
77-0119	B.C. Research. 1978. Polaris mine. Aquatic environmental studies, 1977. Prepared for Cominco Ltd. 63 p. + append.	Preserved fish specimens.	National Museum of Canada, Ottawa. Attn: D.E. McAllister Department of Fisheries and Oceans (Freshwater Institute, Winnipeg). Attn: L. de March
81-0102	Stewart, D.B., and L.M.J. Bernier. 1982. An aquatic resource survey of the islands bordering Viscount Melville Sound, District of Franklin, Northwest Territories. Lands Directorate of Environment Canada and Northern Environment Directorate of Indian and Northern Affairs, *Northern Land Use Information* Series, Background Report No. 2: 110 p.	Data sheets; preserved specimens.	Department of Fisheries and Oceans (Freshwater Institute, Winnipeg). Attn: D.B. Stewart. National Museum of Canada, Ottawa. Attn: D.E. McAllister
81-0108		Field sheets; preserved fish specimens.	Department of Fisheries and Oceans (Freshwater Institute, Winnipeg). Attn: B.W. Fallis
84-0039		Field records; preserved fish specimens.	Department of Fisheries and Oceans (Freshwater Institute, Winnipeg). Attn: B.W. Fallis

MEASUREMENT INDEX

Number:

51-0027
52-0030
62-0005
72-0016
74-0121
75-0019
77-0118
77-0119
81-0102
81-0108
84-0039

Identification:

18^{52}-0001
1-0001
13-0001
51-0027
52-0030
54-0038
62-0005
72-0117
76-0016
75-0019
75-0139
76-0118
77-0118
77-0119
81-0102
81-0108
84-0039

Morphometrics:

1-0001
51-0027
52-0030
62-0005
72-0016
75-0019
77-0119
81-0102

Reproduction:

51-0027
52-0030
62-0005
72-0016
75-0019
81-0102

Food:

52-0030
62-0005
75-0019

Parasitology:

52-0030
62-0005

GEOGRAPHICAL INDEX

Austin Channel:

75-0139
77-0118 (Byam Martin Is.)

Belcher Channel:

76-0118

Borden Island:

13-0001 (N.W. coast)

Byam Martin Channel:

75-0019 (East Sabine Pen., Melville Is.)

Crozier Channel:

52-0030 (Mould Bay, Prince Patrick Is.)
54-0038 (Mould Bay, Prince Patrick Is.)
72-0016 (Mould Bay, Prince Patrick Is.)
72-0117 (Mould Bay, Prince Patrick Is.)

Eureka Sound:

62-0005 (Slidre Fiord, Ellesmere Is.)

Graham Moore Bay:

75-0139 (Hooker Bay, Bathurst Is.)
77-0118

Kellett Strait:

13-0001 (Ibbett Bay, Melville Is.)

Massey Sound:

62-0005 (Strand Fiord, Axel Heiberg Is.)

McDougall Sound:

74-0121 (Cominco Bay, Little Cornwallis Is.)
75-0139 (Templeton Bay, Little Cornwallis Is. and E. Bathurst Is.)
77-0118 (Templeton Bay, Little Cornwallis Is. and Brooman Pen., Bathurst Is.)
77-0119 (Cominco and Garrow bays, Little Cornwallis Is.)
81-0108 (Garrow Bay, Little Cornwallis Is.)
84-0039 (Crozier Str., Cominco and Garrow bays, Little Cornwallis Is.)

Norwegian Bay:

01-0001 (Hell Gate)

Penny Strait:

18^{52}-0001 (Northumberland Sd., Devon Is.)
62-0005 (Hungry Bay, Devon Is.)
81-0102 (Young Inlet, N. Bathurst Is.)

Queens Channel:

75-0139 (Berkeley Passage)
76-0118 (Devon Is.)

Wellington Channel:

62-0005 (Eleanor R., Cornwallis Is.)

75-0139 (Snowblind Bay, Cornwallis Is.; Emery Bay, Devon Is.)

COLLECTION METHOD INDEX

Gillnet:

52-0030
62-0005
74-0121
77-0118
77-0119
81-0102

Seine:

77-0119

Trawl:

62-0005
77-0118

Trap:

74-0121

Longline:

75-0019

Hand:

62-0005
75-0019
77-0118
81-0108
84-0039

Bottom Dredge:

51-0027
52-0030
62-0005

Plankton Net:

62-0005

Bottom Grab:

62-0005

Gut Contents:

51-0027
52-0030

Found Dead:

52-0030

Rod and Line:

72-0016

Observed:

75-0019

Video Camera:

75-0019

SPECIES INDEX

CHAR:

51-0027
52-0030
62-0005
72-0016

POCD:

13-0001
75-0139

ARCD:

18^{52}-0001?
52-0030
62-0005
75-0019
75-0139
77-0118
77-0119
84-0039

FHDR:

18^{52}-0001?
01-0001
51-0027
62-0005
77-0119
81-0108
84-0039

SDEP:

18^{52}-0001
84-0039

PAEP:

52-0030

NRWF:

52-0030

SLEB:

18^{52}-0001?

BDGL:

18^{52}-0001?

ASSC:

54-0038
62-0005

THSC:

01-0001
51-0027
52-0030

FHSC:

51-0027
52-0030
62-0005
72-0117
75-0139
77-0119

SHSC:

18^{52}-0001?
62-0005
75-0139

RBSC:

77-0119
81-0102

LFLS:

54-0038
84-0039

ASLS:

01-0001
52-0030

BTSF:

75-0139

GSLF:

51-0027
77-0119

KPSF:

01-0001
51-0027
62-0005
75-0139
76-0118
84-0039

TSSB:

18^{52}-0001?

NOTES TO TABLE 2 OF THE NORTHWEST PASSAGE AND QUEEN ELIZABETH ISLANDS DATA COMPILATION

NOTE 1:

Gillnet specifications for Arctic Biological Station collections remained similar during the entire period of sampling, except for type of lead and float lines and net length (Hunter MS). The following from Hunter (MS) refer to the Beaufort Sea but probably is also applicable to the Northwest Passage and Queen Elizabeth Islands:

> Description: Nets of the following dimensions were utilized, a) 183x7.3 m, b) 46x1.8 m, and c) 23x1.8 m. Mesh sizes were 25, 38, 51, 63, 76, 89, 102, 114, 127, 140, and 190 mm (stretched mesh measure?).
>
> Deployment: Gillnets in shallow coastal areas were set perpendicular to shore, usually off head lands or along curvature of bays. Offshore, nets were anchored at both ends (46 m length) or at one end only and left to swing with currents (183 m length).
>
> Gillnets were usually set overnight (the time interval was considered to be a complete day if it incorporated both dawn and dusk).

NOTE 2:

The following information is from Hunter (MS). Seining was performed primarily to obtain specimens for determining species composition, distribution, and life history; they were seldom utilized for abundance estimation.

Two types of seines were used:

	Description	Deployment
a)	6x1.5 m; single panel net; 1.3 mm? mesh size (stretched mesh measure)	used primarily for small specimens in confined areas;
b)	18.3x3 m; bag seine; wing mesh size of 6.3 mm (stretched mesh measure); bag mesh size of 1.3 mm (stretched mesh measure?)	principal seine;

NOTE 3:

Jig lines (hook and line for snagging fish), long lines (with multiple hooks), handlines (handheld fishing line with baited hook), sports fishing gear, bottom dredges, and fish traps were occasionally used to obtain samples. Samples were also obtained by poisoning (rotenone fish toxicant), by hand, or from the stomachs of other fish (Hunter MS).

Although not primary fish sampling gear, plankton nets (Hansen net and others of various sizes, sometimes mounted on a bottom sled), and bottom grabs (Ekman, Peterson, Ponar, Van Veen) frequently captured fish larvae (S.T. Leach personal communication).

In the computer input of fish data jig lines, longlines, hand lines and sport fishing gear are given the same code (-7).

Bottom dredge samples and those sampled by poisoning are also acknowledged (codes = -8 and -5 respectively). Samples obtained by other methods are not acknowledged or included.

NOTE 4:

Species, sample sizes, and number of stations are those obtained from computer input of fisheries investigations of the Arctic Biological Station (Hunter and Leach 1983a). However, fish data prior to 1960 is not included in the input; data on fourhorn sculpin (*Myoxocephalus quadricornis*) and charr (*Salvelinus alpinus*) as well as on a number of less common species such as slender eelblenny (*Lumpenus fabricii*), dusky snailfish (*Liparis gibbus*) and others are also not included in the input or in Table 2.

Many of the fishes were sampled in the field primarily for life history information. Hunter et al. (1984) state that "Not all personnel were expert in fish identification" and that "...records involving taxonomically difficult groups should be regarded as tentative until verified". However, some of these specimens and the additional species as indicated in Table 1 were deposited at the National Museum of Canada. See Able and McAllister (1980) for a revision of the snailfish genus *Liparis* and McAllister et al. (1981) for an account of the eelpout family Zoarcidae.

NOTE 5:

The following codes and categories were utilized to describe stomach contents of samples collected by the Arctic Biological Station:

If more than one of following: 99

Fish	1	Minerals (Rocks)	21
Mysids	2	Medusa	22
Cumacids	3	Copelata (tunicate)(Oikopleura)	23
Euphasids	4	Gastropod	24
Isopods	5	Digested remains (mush)	25
Copepods	6	Plankton	26
Amphipods	7	Gammarids	27
Polychaetes	8	Molluscs	28
Bivalves (clams)	9	Insect (insect larva)	29
Worms	10	Tunicate	30
Eggs	11	Phytoplankton	31
Vegetation	12	Green mush	32
Unidentified	13	Snails	33
Crustacean	14	Eel grass	34

Benthos	15	Echinoderms	35
Fluid	16	Decapods	36
Shrimp	17	Annelida	37
Hirudinea (leach)	18	Coelenterates	38
Crab	19	Caprellidae	39
Empty (Nil, MT)	20	Zooplankton	40
		Mesidotea	41

NOTE 6:

The following information on otter trawls utilized for sampling is from Hunter (MS) which can be consulted for more details. Three otter trawls of 8.5, 3 and 2 m head rope length were utilized. The 8.5 m trawl was towed from the *M.V. Salvelinus*; the 3 and 2 m trawls were also towed from the *M.V. Salvelinus* (when bottom type was rough or when navigating in confined areas) or from small boats.

a)	8.5 m head rope length; semi-balloon trawl; body and cod-end of 38 and 25 mm mesh size respectively (stretched mesh measure); nylon liner at cod-end of 4.8 mm mesh	tow velocity: 5.6 km/h (3 knots) maintained as consistently as possible. Slower speeds utilized over unknown bottom types (these not used for abundance calculations);
b)	3 m head rope length; inner bag of 4.8 mm mesh size; outer bag of ? mm mesh size; trawl doors attached directly to net	not used for abundance estimates - therefore catches were not related to distance trawled;
c)	2 m head rope length; single bag of 4.8 mm mesh size; trawl doors attached directly to net.	not used for abundance estimates - therefore catches were not related to distance trawled.

Computer input distinguishes fish captured by otter trawl (code = -1, which includes the 8.5, and 3 m nets) weasel trawl (code = -2, which includes the 2 m trawl), and unknown trawl (code = -4).

NOTE 7:

Weight was measured to the nearest 0.1 g for samples smaller than 25 g, to the nearest 2 g for samples between 25 and 250 g, and to the nearest 10 g for samples larger than 250 g (Hunter MS).

NOTE 8:

The following codes and stages were utilized to describe relative developmental stages of samples collected by the Arctic Biological Station:

	(immature)	1
	(spawning in current year - mature)	2
	(running)	3
(codes 2, 3, and 4 = 2 for years prior to 1962)	(spent)	4
	(recovering from spawning)	5
	(immature plus old eggs)	6
	(spawn in current year plus old eggs)	7
	(spent with eggs remaining)	8
	(recovering with old eggs)	9

NOTE 9:

Usually the average of 5 eggs measured with dial calipers to the nearest 0.1 mm (Hunter MS).

NOTE 10:

The following codes and categories were utilized to describe the parasites in fish samples collected by the Arctic Biological Station:

(Gut parasites)	1
(Stomach parasites)	2
(Air bladder parasites)	3
(Ectoparasites)	4
(Body cavity parasites)	5
(Oral parasites)	6
(More than 4 types of parasites)	7
(Parasites present - unknown type)	8
(Gillraker parasites)	9
(Cyst)	-1
(Lamprey scar)	-2

NOTE 11:

A stramen trawl was utilized to obtain samples in shallow water unsuitable for Isaacs-Kidd mid-water trawling (Hunter MS).

Description: mouth diameter of 1 m; mesh size of 1 mm (bar mesh measure); kept at surface by an attached buoy.

Deployment: tow depth - surface; tow duration - 20 min.; tow velocity - 3.0 km/h (1.7 knots).

NOTE 12:

The following is from Hunter (1979) and (Hunter MS).

> Description: square mouth of 1.82 m; outer bag of 63 mm mesh size (stretched mesh measure) body and tube; fore and aft ends of inner liner consisted of 13 and 10 mm mesh (stretched mesh measure); cod end was a 0.5 m diameter plankton net of 333 Nitex nylon monofilament cloth fitted with a 120x290 mm P.V.C. cup with a 333 filtering screen.
>
> Deployment: tow depth: various;
> tow velocity: 7.5-9.2 km/h (4 to 5 knots);
> tow duration: generally 0.5-2.0 h.

NOTE 13:

Not determined because fish data collected by Arctic Biological Station prior to 1960 was not on the computer data base available to the authors.

NOTE 14:

Could not be determined from Hunter and Leach (1983a).

NOTE 15:

Many measurements were made in the field but often a large part (sometimes the majority) of the measurements were made after preservation in 10% formalin.

NOTE 16:

Some scales/otoliths taken in the field and stored in envelopes. However, many were taken from specimens preserved in 10% formalin.

NOTE 17:

Testes classified as 6 (immature), 7 (maturing), 8 (mature), 9 (ripe), or 10 (spent).

Ovaries classifed as 1 (immature), 2 (maturing), 3 (mature), 4 (ripe), or 5 (spent).

NOTE 18:

Testes classified as 1 (immature), 2 (mature), 3 (ripening), 4 (ripe), 5 (running) and 6 (spent).

Ovaries classifed as 7 (immature), 8 (mature), 9 (ripening), 10 (ripe), 11 (running) and 12 (spent).

NOTE 19:

Testes classified as immature (long and thin, tubular and scalloped shape; up to full body length; putty-like firmness), mature (current year spawner; large and lobate white to purplish colour; centers may be fluid; milt not expelled by pressure), ripe (full size; white and lobate; milt expelled by slight pressure), spent (spawning complete; flaccid with some milt; blood vessels obvious; violet-pink colour) and resting (tubular, less lobate shape; healed from spawning; no fluid in centre; usually full length; mottled and purplish in colour).

Ovaries classified as immature (granular texture; hard and triangular; up to full length of body cavity; membrane firm; eggs distinguishable), mature (current year spawner; fills body cavity; eggs near full size but not loose, not expelled by pressure), ripe (greatly extended and full body cavity; eggs full size, transparent and expelled by slight pressure), spent (spawning complete; ruptured and flaccid; seed eggs visible, some retained eggs in body cavity) and resting (fills 40-50% of body cavity; membrane thin, loose and semi-transparent; healed from spawning; seed eggs apparent with few atretic eggs; some eggs may be retained in body cavity).

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